

NUMBERS & ODDITIES
a.k.a. the Spooks Newsletter
Edition #151, April 2010

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Check for previous newsletters, info, sound samples and databases also

NUMBERS & ODDITIES <http://www.ary.luna.nl>
<http://www.numbersoddities.nl/index.htm>
SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB/>
UTILITY DXERS FORUM (UDXF) <http://www.udxf.nl>

Hi all. Welcome to yet another edition of N&O. To begin I'd like to forward the link of Peter Staal's video: www.youtube.com/view_play_list?p=735C68C5087F0660
It is a video of the old East German machine that was used to read the numbers on the "famous" STASI stations. Great stuff, Peter!!!

In this edition you can find of course lots of logs, a write up about the "Vietnamese" numbers station, an Intelligence Profile featuring Iran, and further a couple of unid stations that need to be identified. Your comments and suggestions are welcome, as always.

* VOICE STATIONS *

::: E07

The following transcript was submitted by Mike:

7437 kHz, 0430 UTC, 08-04
8137 kHz, 0450 UTC, 08-04
9137 kHz, 0510 UTC, 08-04

411 1 17370
294 77
70032 62294 15189 72470 83814 03627 98149 43957 82599 98395
42141 53083 01627 37560 81387 46497 74565 16453 98599 45355
63122 29567 09658 15981 62900 32643 85498 28444 34803 23028
04758 81898 36616 39235 01853 44259 54955 58823 53999 53876
20942 66271 68375 60523 39108 92124 60698 37561 77808 36883
17295 19135 14970 95414 22230 11583 04174 99955 01247 85501
92494 04579 34122 01291 30113 00731 02925 93092 88443 18177

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03854 57728 13310 42292 49419 38705 15721
00000 00000
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::: E10

E10 was heard with a Windows sound by Stefan on 3415 kHz, 1700 UTC, 27-4. The recording can be found on the N&O website.

Thanks to Stefan and Paolo.

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::: S05/S16 - OLX

The ITU monitoring station Klagenfurt (Austria) reported a voice transmission of OLX on 3279.7 kHz on 16-3 at 1830-1900 UTC. OLX was the callsign of the well known numbers station from Czechoslovakia. Officially the station belonged to the Ministry of Interior, at least they confirmed the reception reports with a QSL card (see <http://home.luna.nl/~ary/olx.htm>). The numbers transmissions stopped in 1996. Yet the station was logged by the ITU monitoring stations in 1997 (7x on 8147.7, 11416, 14977, 18303 kHz) and in 2002 (1x on 11416 kHz) and now again on 16-3. I wonder if they really heard a callsign during the transmission and if so if it is the same station as in the old days.

The beam from Klagenfurt was 100, GC 15 E 9 50 N 9 which is just north of the well known transmitter site Podedbrady.

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["Bob from Germany" / Ary]
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::: V02a

#8217 from NYC posted several almost complete V02a transcripts. Here is a three message transmission heard on 5898 kHz, 0758 UTC, 1 May 2010.

TONE

ATENCI" N 62172 45321 60031 (8x)

62172	62172	62172	62172	62172					
37760	76737	68637	57564	13346	33038	33656	84537	14010	06656
41700	35836	37766	48031	34787	42426	20633	60707	51706	72867
37666	20256	51434	31685	01470	34864	78765	38162	27357	24141
22430	25687	13250	46363	21232	62085	30834	26743	50857	28655
53712	52832	30058	61134	65722	23342	38860	53130	38880	06787
28075	88240	26833	50247	14838	12855	00272	45725	23045	73300

24814 33677 24835 46434 86868 40278 41616 27058 25540 50834
77422 82286 35386 02050 54385 18840 45708 80088 11807 32486
51414 06220 84770 38850 04843 28177 62681 00826 66855 54165
36833 77667 75620 76581 00144 43212 70763 62221 26562 44084
17724 10153 ***** 84217 77372 85621 75386 15751 44432 33064
07420 86356 48813 70458 40254 80002 53146 58560 01563 52531
45387 63711 75466 75102 72105 25541 20506 87757 01514 63626
00440 83332 88680 01571 38156 14371 03557 33817 26677 72585
21571 81453 04673 71465 61052 47553 41435 34417 08168 80017

45321 45321 45321 45321 45321
16871 48050 34735 76616 14206 55272 72421 06523 88112 51566
84115 41011 81776 01678 66723 23206 13167 00330 02033 47143
24383 77310 73774 05144 61155 86407 21483 61163 11516 06863
77341 65530 35650 88214 86801 63431 13257 55400 88006 67857
82235 58800 08580 12613 37161 44880 78404 74770 33866 34106
81006 47531 74415 41682 51374 05822 47422 07212 47801 43064
75578 75125 75128 28444 31144 41027 46117 80042 62121 32455
27710 73221 42772 18150 86362 70235 74175 22138 21648 17587
55864 40616 36700 57447 75100 36053 81048 23888 00635 14287
34125 33118 50367 78572 11082 57151 15311 73666 07334 11286
34206 83807 80501 36017 65214 20400 65540 62052 41047 36123
[2 MIN DEAD AIR, 30 SEC OFF AIR]
**344 35781 81830 66263 17807 62868 30736 65146 65777 75041

60031 60031 60031 60031 60031
68022 20240 26217 11200 07588 71052 63243 70167 85710 44372
37085 83225 62008 38063 71874 21245 72555 58226 42772 64141
77456 51415 54617 31746 06544 58161 57344 12738 35556 38717
31771 35084 75171 25840 81228 14180 75310 80567 32778 55685
65521 68567 88420 04073 22721 56278 88410 11554 41850 64366
33575 70823 62202 48130 61500 16888 6**08 78346 31466 46718
67683 21087 07384 34585 63855 56253 22062 38053 81478 04813
87026 58642 16218 30787 35765 45746 04621 26503 82127 12514
78436 33172 73703 14167 32871 38520 10322 84681 20732 10200
54267 32512 42463 67273 63558 38722 43210 00126 64170 70427
50006 12822 87237 26541 67015 21818 74133 54448 62702 08347
02284 06812 46513 53611 60485 31161 16223 64034 61837 62386
84626 04607 13554 66438 60715 08121 37333 54451 04183 67843
60207 36887 21007 56070 08446 43801 30616 68142 15777 31267
34005 60274 83501 65311 66882 45306 10842 31081 13748 46260
FINAL, FINAL, FINAL

* MORSE STATIONS *

VVV Q2M Q2M Q2M DE NYZ NYZ on 6840 kHz
V QPZM QPZM QPZM DE WOXN WOXN on 4523, 5310 kHz
V B7TZ B7TZ B7TZ DE 8PNX 8PNX on 7149 kHz

::: S28 / UVB-76

The same problem occurred again on 18-4 but now on 42.35 kHz harmonics: 4582.65, 4625, 4667.35, 4709.7 kHz.

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Japanese Navy telemetry a.k.a. "Japanese Slot Machine" observed on 6250, 6417, 6445, 8313, 8588, 8705 kHz.

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20325.0	0958	23-03	Russian Gov/Intel. Mode: RUS-ARQ 100/1500
14923.5	1023	23-03	Russian Gov/Intel. Mode: CROWD36
14650.5	0651	24-03	Russian Gov/Intel. Mode: CROWD36
10342.5	1707	24-03	Russian Gov/Intel. Mode: CROWD36
11122.0	1656	29-03	Russian Gov/Intel. Msg "=86444 069148715908406107=8044" Mode: Baudot 200/500
12199.0	0658	29-03	Russian Gov. Message on link 60102 after "11100 60102 00000 29058 01003". Mode: Baudot 100/500
12770.0	0704	29-03	Russian Gov/Intel. c/s RDW59. Mode: RUS-ARQ 100/495
11172.5	1659	29-03	Russian Gov/Intel. Mode: CROWD36
14560.0	1055	31-03	Mazielka. Sequence: 632541
16343.0	0721	26-03	Russian Gov/Intel. Messages "61266794956708339 =82233 164579160989388103=81034 163280600078108151=84035". Mode: Baudot 200/500
17522.5	0750	26-03	Russian Gov/Intel. Mode: CROWD36
7927.5	1850	31-03	Russian Gov/Intel. Mode: CROWD36
5895.25	0616	01-04	Russian Gov/Intel. Mode: RUS-ARQ 100/1500
8104.0	1842	01-04	Russian Gov. Messages on link 60102 after "11100 60102 00000". Mode: Baudot 100/500
8104.0	1851	01-04	Russian Gov/Intel. Ops-chat "QRQ 1 TT QBN K K K QSL2 NIL". Mode: CW-FSK
11107.5	1540	01-04	Russian Gov/Intel. Mode: CROWD36
12219.5	0715	01-04	Russian Gov/Intel. Mode: CROWD36

13395.0	0723	01-04	Russian Gov/Intel. Message "824140708489599653931118=804141544108497074346143)62914206423+++++++188". Mode: Baudot 200/500
13454.47	0727	01-04	Russian Gov/Intel. Mode: RUS-ARQ 100/1500
8123.0	1906	02-04	Mazielka. Sequence: 463125
8105.0	1912	02-04	Mazielka. Sequence: 314265
10731.0	1912	02-04	Mazielka. Sequence: 314265
16107.4	1232	03-04	Russian Gov/Intel. Mode: CROWD36
11411.0	1800	03-04	Mazielka. Sequence: 164532
13506.0	1803	03-04	Mazielka. Sequence: 164532
13506.0	1808	03-04	Mazielka. Sequence: 164532
9088.0	1254	05-04	Russian Gov/Intel. 5FGs "teywu ieowu owieu owuqi ueywi rtuvq83 62748 39281 83928 =100= qwtr cfm k ok nil k ok sk k". Mode: Baudot.
8190.0	0715	06-04	Russian Gov/Intel. Mode: RUS-ARQ 100/500
14907.0	0801	06-04	Russian Gov. Message to unid embassy on link 80104 after: "11100 80104 26794 06012 05009", followed by op-chat in morse: "CFM K OK AS A K T OM AS SK". Mode: Baudot 100/500
9134.5	1649	08-04	Russian Gov/Intel. Mode: CROWD36
12224.0	1605	09-04	Mazielka. Sequence: 463125
5758.0	2048	09-04	Russian Gov/Intel. Mode: MFSK-20/10Bd
9072.0	2153	09-04	Mazielka. Sequence: 352416
9296.0	1230	11-04	Russian Gov/Intel. K4MT wkg NT9P "QSY 77135", "QSY 31947"; into RTTY "RYRY..RYRY // 745 134 11 1230 4815= //" and 134x5FGs using separators "=50=" & "=100=" into Op-Chat. Mode: CW + Baudot 50/500 *)
12224.0	0930	12-04	Mazielka. Sequence: 463125
13985.0	0859	14-04	Mazielka. Sequence: 134265
14944.0	1038	14-04	Mazielka. Sequence: 621543
9923.0	2039	14-04	Mazielka. Sequence: 463125
15987.0	0827	17-04	Russian Gov/Intel. Mode: FSK 200/1000 (acf=288)
8123.0	2135	19-04	Mazielka.
10300.0	0723	20-04	Two-tone Mazielka. Sequence: 121212
12161.0	0830	22-04	Mazielka. Sequence: 564213
14720.0	0855	22-04	Mazielka. Sequence: 161616
13506.0	0944	22-04	Mazielka. Sequence: 164532
14861.0	0854	27-04	Mazielka. Sequence: 542136
9923.0	1430	27-04	Mazielka. Sequence: 463125
13517.0	1435	27-04	Mazielka. Sequence: 463125
9105.0	1440	27-04	Mazielka. Sequence: 463125
13985.0	0903	28-04	Mazielka. Sequence: 134265
14655.4	0751	28-04	Russian Gov/Intel. Mode: CROWD36
16045.4	0810	28-04	Russian Gov/Intel. Mode: CROWD36
15828.0	1900	28-04	Mazielka. Sequence: 256134†
12224.0	1440	30-04	Mazielka. Sequence: 463125
12224.0	1450	30-04	Mazielka. Sequence: 463125
9197.0	1716	30-04	Mazielka. Sequence: 164532

*) RYRYRRYRYRYRYRRYRYRYRYRYRYRYRRYR

745 134 11 1230 4815=

29525 36403 11950 48438 26011 79501 24792 52226 76750 09121

16810 61507 92101 86034 08432 77091 58151 14074 80805 25288

39001 60893 62777 11905 60123 72061 07328 60779 47791 33687

57046 03725 75749 92270 14323 46710 80942 58927 98262 11590

49020 61014 47604 35157 33439 84601 58461 15343 83441 29407 =50=

08984 85971 03352 82122 92777 93425 53190 26438 68505 11114

17295 40912 35338 85803 42670 20007 64818 93878 04935 55518

88262 56184 09263 79035 67011 58476 98007 41879 43651 90346

02316 61010 21112 11765 79077 37332 67344 70554 17595 70632

37158 07047 07265 08106 98014 07323 87741 03898 24524 17981 =100=

16442 50301 55433 81190 28032 19005 75586 23909 59032 90023

27681 80050 86473 51903 00481 58154 70095 67423 12353 17388

85759 17819 60221 32728 67174 30307 68140 88356 56198 55957

75341 61143 63730 48171 - 1207 K

into CW/A1A duplex OP-Chat:

- cfm qru? k

- ZVP k

- bk QRV k

- k

- r 587 1241 k (=12:41 UTC)

- nil sk

* MILITARY STATIONS *

::: M32 RUSSIAN/CIS/UKRAINIAN MILITARY SSB & CW STATIONS

3181.0 Russian Navy Kaliningrad: RMP

3197.0 CIS Mil: PRI8 calls QJ8R, OX3Z, PK9B, VLZO, A5ND, DP10, YB9G, SUVE,
WSKG, QCTF, 8RYR.

CIS Mil: NCS comms checks with at least HH2Q, 3ZFZ, 2LBF, HNYJ, CGAG,
TMXN.

3256.0 Russian Navy Kaliningrad. Channel marker "P" + 5FG message. //3291 kHz.

3261.0 CIS Mil: SMD2, YQTL, 3UZ7, CBTH, Q7WA, B1IJ, Z7T7.

3291.0 Russian Navy Kaliningrad. Channel marker "P" + 5FG message. //3256 kHz.

3378.0 Russian Navy: RCV wkg RCJE and RMEZ.

3379.0 CIS Mil: "LUG7 QSA2 K. RPT K. LUG7 QSA2 K. R K"

4062.0 Russian Mil: LK5S wkg unid with 5LGs "108 39 13 0450 108 = 414 = ...
YaEPEY 600 k"

4447.0 CIS Mil. EEBN comms check with at least N4ID, TDGV, Q3I8, HJCP. JN6Y
does not respond.

4621.0 Russian Navy: RGT77.

5086.0 Russian Navy: RFE76.

5322.0 CIS Mil. Scrambled Morse sked in progress: "... fu airyhoolvto÷o ...
ZGR K ... AS ... ZGR? ... R K"

5440.0 CIS Mil: N6ZU ends 64-group message "... IAFZU PIPYR 303 K. N6ZU QRV K.
N6ZU R 099 K."

5774.0 Russian Navy: RIW wkg RGR70.

6913.0 CIS Mil: "SRZI de ATY3 K"

6968.0 CIS Mil: "3SIQ de THAD K"

6988.0 Russian Mil: LHOY sending 5LGs "... 28 1630 444 = 717 = AAAAA DDDDD
NORPU ... BZKBG 008 K"; OP-Chat "SP3D = BZKBW 008 k"; next QTC "...
de LHOY 222 27 28 1635 222 = 008 = AAAAA DDDDD NORPU ... BZKBG 717 K"

7015.0 Russian Mil: RLO "xxx"

7041.0 Russian Mil: traffic and radio checks. Call signs: SMAD, PYQ0, LU3I,
MB6J, IR5J, SG8I, PY80, PT2P, JQHK, TRTJ, PCM5, CNYE, SD6C, AOAU,
XWR8, NRD5, 5NQH, WEW1, DKSM, LH6A.
"ZSU ZTE ZIN QYT6 K QRJ3 QJGQ qyt6 K"
"QTC 924 4718 (etc)" 5LGs
"ZOF ZXG ZWM QYT9 K"
"QTC 749 4631 2046 749" 5LGs

7122.0 Russian Mil: RDL. "xxx xxx xxx"
"RDL 56916 54389"
"RDL 00804 18640 K"
"XXX XXX XXX RDL 77618 40459 GUQINA 7142"
"RDL 58178 07906"
"RDL 96991 21708"

7801.0 Russian Navy: RCV wkg RIR98.

7931.0 CIS Mil: "Y20P Y20P Y20P de 5JZM 5JZM ZBF ZVX ZWF QSW8 k".

7948.0 Russian Mil: unid broadcast message to collective 1YFW: "1YFW QTC 008 31 20 1940 008 = 804 = P P P P P UFJEY WChMNA ... fBJPT WPPWI 303 = repeats - AR."

7964.0 Russian Mil: "VXYT DE QUXS QBE QYT6 K"

7980.0 Russian Navy: "RJF94 RJF94 RJF94 DE RJC48 RJC48 QTC K"
 "V IIII RJC48 RJC48 RJC48 DE RJF94 RJF94 QSA K"
 "RMUE DE RJH25 RJH25 AS AS K"
 "RJH25 RJH25 DE RMUE RMUE QSA3 QSA K"

8182.0 Russian warship RJH25 wkg RMUE.
 "RMUE RMUE RMUE RMUE RMUE RMUE DE RJH25 RJH25 ZZD 3"
 "VVV RJH25 RJH25 RJH25 DE RMUE RMUE ZZD K"

8512.0 Russian Mil: "JWLE QTC 22620 11 1040 856 = 392 861 = D D D D D"

8585.0 Russian Strategic Air: REA4. Broadcast. 5293 and 6827 kHz also active.

8787.0 Russian Navy Kaliningrad: RMP with a long message to RHY47.

9044.0 Russian Mil. "M7QW DE AMMT QYT9"

9074.0 Russian Navy: RIW wkg RGR70.

9075.0 Russian Navy: "RAL48 de RIW QRR3 QDW 10540 K. RIW R K"

9076.0 Russian Navy: RIW wkg RGV82 and RKW95. "rgv82 de riw qyt4"

9077.0 Russian Navy: RIW wkg RHY47. "RHY47 DE RIW"

9109.6 Russian Navy: "RHY47 DE RIW QTC K RIL OI9R 588 1IA5 994 = RKT FM RMP = M M M M M"

9111.0 Russian Navy: RIW wkg unid vessel.

9179.7 Russian Navy: "... de RIW QRV K. RIW NR 383 RPT 1 2 5 K. RIW QSL 383. RIW R K"

9237.0 CIS Mil. "SUX2 SUX2 SUX2 QT 1T42827123T1T4= IAIA2 = RZJWR ZDIKR ?MWAT CHCPI"

10388.0 Russian warship RAL48 wkg RIW "IIII RIW DE RAL48 ZNN K R"

10540.0 Russian warship RAL48: "RIW de RAL48 ZZD? K. RAL48 de RIW ZZD2 K. RAL48: ZZD3 K. RIW: ZKM? K. RAL48: ZN... NOLX _MXWOSEMX ZKM K. ZDS GNGch

ZZT". Into traffic. Simplex Circuit.

10814.0 CIS Mil. "QSA2K V4 VVVVVVVVVVVV QSV QSV K S VVVVVVVVVVVI 3K AS RPT1"

11000.0 Russian Navy: RIW

11155.0 Russian Navy: "DE RIT R K RIT RK"
Russian Navy: "VVV RHY47 DE RIT QSA? QTC"

11409.0 Russian Mil. Beginning of codeword message missed "... POSLU÷A 4317
2628 K"

11418.0 Russian Navy Kaliningrad: RMP. Sends 56-group message to unid: "... RMP
299 56 15 2218 299 = 17136 56398 ... 01801 15055 AR RMP K"

12230.0 Russian warship RHY47 wkg RMP.

13404.0 Russian Mil: "YJ9C QTC 96722 11 1115 861 = 392 861 = DDDDD"

13852.0 CIS Mil: "5JM6 5JM6 5JM6 DE ZE22 ZE22 QTC ZCN 51 2242 413T 6512 =
ZCN 426 = PPPGP UR~DE"

14556.0 Russian Navy: "RAL48 de RIW qsa3 qrv k". RAL48 answers on 12833 kHz.

17615.0 Russian Navy: RCV wkg RKZ and RMU.

18107.0 Russian Navy. Flash message "XXX XXX REU REU 45965 09452 KOZONOK
9653 7410 BUZILXQIK 9901 213G K"

★ UTILITY ROUND-UP ★

::: VTN - VIETNAMESE NUMBERS STATION

Still on a daily sked. I have included Token's remarks here that he posted to the UDXF list. Thanks for that, Token!

Quote

"This station first came to my attention on February 21 2010, and I tuned to it in progress after it was posted to the #wunclub channel. 10255 kHz USB, Vietnamese language, YL, 5f groups. There were an unknown total of groups in that first transmission, as I did not hear the beginning of the signal.

Work has been extremely busy for the last 2 months so I have spent no time at the radios, but I started recording regularly for the station March 8, 2010. SDR

recordings were made each day, sometimes 24 hours a day to try and catch other time slots, the station was never heard at my location except around 1600 UTC. From March 8 to today (April 29) I have missed recording this time/freq slot 4 days, March 22, 24, 28 and 29, all other days have been recorded using an SDR and a Rhombic antenna pointed generally at the region (assuming either China, Vietnam, or some neighboring country as the source, the Rhombic is pointed 310 true from my location in the Mohave Desert of California).

Work slowed too it's regular pace a few days ago, so I have had some time to look at my recordings.

No transmissions were observed March 13, 23, 31, April 18 and 21, every other day has had at least a partial message.

Every transmission heard since March 8 has been an OM, unlike the YL heard in the February 21 transmission.

Start times have ranged from 1556 to 1620. Most days the signal consist of three message bodies, but anything from 1 to 4 message bodies have been observed on a day. All messages on a given day are identical, just repeated however many times that day. Spacing between the message bodies has been highly variable, sometimes there are only seconds between the bodies and sometimes there are many minutes.

The same message is run many days in a row. The message sent 8 March consisted of 30 code groups (single message here http://token_radio.home.mchsi.com/UnkVTN_10255USB_03082010_30groups.mp3). Starting 9 March 2010 all messages consisted of 71 code groups, this 71 group message was repeated daily (with three days of no detected transmissions at all) until the last message was sent on 7 April (single message here http://token_radio.home.mchsi.com/UnkVTN_10255USB_03302010_71groups.mp3). On 8 April 2010 a new message of 55 code groups was sent, this 55 group message was sent daily until 20 April (single message here http://token_radio.home.mchsi.com/UnkVTN_10255USB_04142010_55groups.mp3). No message of any type was received at my location on 21 April. On 22 April 2010 a new message body of 42 code groups started. This 42 code group message has been sent daily from that time until the time of my writing this, 29 April 2010 (single message here http://token_radio.home.mchsi.com/UnkVTN_10255USB_04252010_42groups.mp3).

I do not speak Vietnamese and I do not have access to anyone who does. If translations could be made of the four above examples we would have all of the messages sent in the last 50 days to establish a pattern. Keep in mind that I believe the 8 March signal might have an error both on start and finish, and might not be representative of format.

As I said above, all messages of a given number of code groups are identical, excluding errors, no matter how many days they run. All pauses, rhythms, speech

All 71 code group messages were 6 minutes and 32 seconds long, +/- 1 second.
All 55 code group messages were 4 minutes and 5 seconds long, +/- 1 second.
So far all 42 code group messages have been 3 minutes and 29 seconds long, +/- 1 second. I am unsure how long the 30 code group message was as I only got one complete message and I believe there may have been a mistake/repeat of several phrases at the beginning of that one.

I know there have been discussions of this station being commercial in nature. Nothing I have found proves it is not, however I can not think of too many commercial reasons to send the same message 30 days in a row (the 71 code group messages from March 9 to April 7) or to send that same message something like 80 times. Based on what I have seen I tend to believe the signal is probably not commercial.

One last note. Several times I have seen the last transmission of the day be somewhat less strong than the ones before it, possibly less strong than can be accounted for by variations in propagation. This is pure speculation at this point, and more signals under good propagation conditions need to be seen to give it credibility, but at times I get the impression (only on some days) that maybe either the transmitter power is turned down for the last TX or maybe a different antenna is used."

Unquote

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::: 0L032 - CZECH INTELLIGENCE

7746.35	1645	29-03	
9986.35	1814	21-03	
4050.35	0510	07-04	
7871.35	1643	08-04	
6946.36	2040	23-04	//4957.36 kHz
4957.36	2040	23-04	//6946.36 kHz
6822.36	1750	29-04	

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::: UNID INDONESIAN NET

An unid Indonesian net with daily transmissions between 0000 and 0400 UTC can be observed on 14277.7 kHz USB, with some sort of a schedule starting at 0000 and ending at 0100 UTC. There is always 1 female (base station??) and between 2 and 4 males passing coded messages in Indonesian. Possibly weather messages. This net is reportedly already active since at least September 2008. Can anyone fill us in on this?

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::: UNID RUSSIAN(?) NET

An unid Russian(?) net was copied by Alf. Any additional info is most welcome.

6460 kHz USB, 0505 UTC, 11-4, Language: Russian. Net control station "KOSTAN 26" wkg a large net with short radio checks, e.g. "LAWA 02", "NAGAN 38" etc.

* LOGS SECTION *

2516	E10	Mode: AM Date/time: 11-4-2010, 2351 UTC Remarks: ... UDPZD XEYTO KKLPE PMNWJ ASQNT MZTLG OMGWH UAQTN LKFDC ERNCC G Contr: (DXman)
3150	E10	Mode: AM Date/time: 8-4-2010, 2336 UTC Remarks: in progress Contr: (DXman)
3168	M51	Mode: CW Date/time: 29-4-2010, 1851 UTC Remarks: NR 57 A 29 20:53:26 1993 = BLHMQ JZGDA ISEZL ... Spurious output Contr: (MPJ)
3256	MX	Mode: CW Date/time: 5-4-2010, 2154 UTC Remarks: Russian Navy Kaliningrad. Channel marker"P" + 5FG message. //3291 Contr: (MPJ)
3256	MX	Mode: CW Date/time: 9-4-2010, 2043 UTC Remarks: Channel marker "P" Kaliningrad Contr: (AB)
3270	E10	Mode: AM Date/time: 9-4-2010, 2311 UTC Remarks: in progress Contr: (DXman)
3291	MX	Mode: CW Date/time: 5-4-2010, 2158 UTC Remarks: Russian Navy Kaliningrad. Channel marker"P" + 5FG message. //3256 Contr: (MPJ)
3291	MX	Mode: CW Date/time: 9-4-2010, 2043 UTC Remarks: Channel marker "P" Kaliningrad Contr: (AB)
3291	MX	Mode: CW + BEE Date/time: 12-4-2010, 0012 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P" + RTTY messages Contr: (DXman)
3314	M21	Mode: CW Date/time: 29-4-2010, 1818 UTC Remarks: Russian Air Defence =992218??0????? etc. Contr: (MPJ)

3327	MX	Mode: CW Date/time: 9-4-2010, 2043 UTC Remarks: Channel marker "P" Kaliningrad Contr: (AB)
3415	E10	Mode: AM Date/time: 27-4-2010, 1700 UTC Remarks: E10 with Windows sound Contr: (Stef)
3625	M01b	Mode: CW Date/time: Fri 2-4-2010, 1902 UTC Remarks: 153 //4440 Contr: (HFD)
3644	M01b	Mode: CW Date/time: Mon 5-4-2010, 1915 UTC Remarks: 771 //4454 Contr: (HFD)
3658	MX	Mode: CW Date/time: 27-4-2010, 2244 UTC Remarks: Channel marker "V" //4150 kHz Contr: (AB)
3756	S28	Mode: USB Date/time: 4-4-2010, 2354 UTC Remarks: Pip Contr: (AB)
3756	S30	Mode: CW Date/time: 9-4-2010, 2044 UTC Remarks: Pip Contr: (AB)
3828.9	S32	Mode: USB Date/time: 9-4-2010, 2042 UTC Remarks: Squeaky Wheel Contr: (AB)
3837	MX	Mode: CW Date/time: 9-4-2010, 2043 UTC Remarks: Channel marker "P" Kaliningrad Contr: (AB)
3837	MX	Mode: CW + BEE Date/time: 12-4-2010, 0005 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P" + RTTY messages Contr: (DXman)
3840	E10	Mode: AM Date/time: 12-4-2010, 0010 UTC Remarks: in progress Contr: (DXman)
3881	M51	Mode: CW Date/time: 18-4-2010, 0704 UTC Remarks: FAV22 morse lesson Contr: (VL)
3928.9	S32	Mode: USB Date/time: 4-4-2010, 2156 UTC Remarks: Squeaky Wheel channel marker Contr: (DXman)
3928.9	S32	Mode: USB Date/time: 4-4-2010, 2354 UTC Remarks: Squeaky Wheel Contr: (AB)
4050.35	OL03	Mode: FEC 100/170 Date/time: 7-4-2010, 0510 UTC Remarks: Czech Intel. Contr: (BCI)
4073	M18	Mode: CW Date/time: 12-4-2010, 1924 UTC Remarks: Time strings. UTC+5 "0024 0024 0025 0025" etc Contr: (AB)
4073.1	M18	Mode: CW Date/time: 11-4-2010, 2151 UTC Remarks: "1501 1501 ... 1501 1502 1502 ... 1502 1503 ..." Sends an incorre Contr: (ALF)
4073.1	M18	Mode: CW Date/time: 12-4-2010, 2037 UTC Remarks: "Clock" Time strings at UTC+5 and around 33 seconds slow. Contr: (MPJ)
4150	MX	Mode: CW Date/time: 17-4-2010, 2030 UTC Remarks: Channel marker "V" Khiva Contr: (VL)
4150	MX	Mode: CW Date/time: 27-4-2010, 2244 UTC Remarks: Channel marker "V" //3658 kHz Contr: (AB)
4326	MX	Mode: CW Date/time: 17-4-2010, 2024 UTC Remarks: Channel marker "R" Izhevsk Contr: (VL)
4330	M22	Mode: CW Date/time: 2-4-2010, 0345 UTC Remarks: 4XZ - Israeli Navy, Haifa: "VVV DE 4XZ". Contr:

(RP3)

4331	M22	Mode: CW Date/time: 17-4-2010, 2020 UTC Remarks: 4XZ Israeli Navy Haifa: "VVV DE 4XZ" Contr: (VL)
4440	M01b	Mode: CW Date/time: Fri 2-4-2010, 1902 UTC Remarks: 153 //3625 Contr: (HFD)
4454	M01b	Mode: CW Date/time: Mon 5-4-2010, 1915 UTC Remarks: 771 //3644 Contr: (HFD)
4478.0	M08a	Mode: CW Date/time: Sat 24-4-2010, 1100 UTC Remarks: 5f cut nums: 45652 02561 87722 Good sig. Contr: (westli)
4491	M01c	Mode: CW Date/time: 20-4-2010, 1940 UTC Remarks: 519 519 519 39166 39166.... Contr: (MPJ)
4496	M24	Mode: CW Date/time: Fri 2-4-2010, 1730 UTC Remarks: 910 Contr: (HFD)
4523	M89	Mode: CW Date/time: 17-4-2010, 2002 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (VL)
4557.7	MX	Mode: CW Date/time: 7-4-2010, 2049 UTC Remarks: Beacon "D" Contr:
4557.8	MX	Mode: CW Date/time: 24-3-2010, 2124 UTC Remarks: Beacon "P" Kaliningrad Contr: (BCI)
4557.8	MX	Mode: CW Date/time: 21-4-2010, 2148 UTC Remarks: Cluster Beacon "P" Kaliningrad Contr: (MPJ)
4557.9	MX	Mode: CW Date/time: 24-3-2010, 2124 UTC Remarks: Beacon "S" Sevoromorsk Contr: (BCI)
4557.9	MX	Mode: CW Date/time: 21-4-2010, 2148 UTC Remarks: Cluster Beacon "S" Severomorsk Contr: (MPJ)
4582.65	S28	Mode: AM Date/time: 18-4-2010, 0745 UTC Remarks: UVB76 (Buzzer). Heard on 42.35 kHz harmonics. Frequencies: 4582.6 Contr: (RP)
4585	M01b	Mode: CW Date/time: Fri 16-4-2010, 2010 UTC Remarks: 582-378/35=47171 Contr: (HFD)
4590	M01b	Mode: CW Date/time: Mon 5-4-2010, 1810 UTC Remarks: 420-378/35=47471 Contr: (HFD)
4605	M01b	Mode: CW Date/time: Thu 1-4-2010, 1832 UTC Remarks: 201-378/35=47171 Contr: (HFD)
4625	S28	Mode: AM Date/time: 5-4-2010, 1030 UTC Remarks: Buzzer with harmonics on 4625, 4667.1, 4709.2, 4751.3, 4793.4 kHz Contr: (RP)
4625	S28	Mode: AM Date/time: 6-4-2010, 1718 UTC Remarks: Buzzer with harmonics on 4625, 4667.1 kHz Contr: (AB)
4625	S28	Mode: AM Date/time: Tue 6-4-2010, 1740 UTC Remarks: up every 42.1 kHz 4667.6 - 4710.2 - 4752.8 Contr: (HFD)
4625	S28	Mode: AM Date/time: 7-4-2010, 2001 UTC Remarks: Buzzer //4625, 4667.1 and 4709.2 kHz Contr: (AB)
4625	S28	Mode: AM Date/time: 9-4-2010, 2038 UTC

4625	S28	Remarks: Buzzer //4625, 4667.1 kHz Contr: (AB) Mode: AM Date/time: 18-4-2010, 0745 UTC Remarks: UVB76 (Buzzer). Heard on 42.35 kHz harmonics. Frequencies: 4582.6 Contr: (RP)
4625	S30	Mode: USB Date/time: 4-4-2010, 2354 UTC Remarks: Buzzer Contr: (AB)
4667.1	S28	Mode: AM Date/time: 5-4-2010, 1030 UTC Remarks: Buzzer with harmonics on 4625, 4667.1, 4709.2, 4751.3, 4793.4 kHz Contr: (RP)
4667.1	S28	Mode: AM Date/time: 6-4-2010, 1718 UTC Remarks: Buzzer with harmonics on 4625, 4667.1 kHz Contr: (AB)
4667.1	S28	Mode: AM Date/time: 7-4-2010, 2001 UTC Remarks: Buzzer //4625, 4667.1 and 4709.2 kHz Contr: (AB)
4667.1	S28	Mode: AM Date/time: 9-4-2010, 2038 UTC Remarks: Buzzer //4625, 4667.1 kHz Contr: (AB)
4667.35	S28	Mode: AM Date/time: 18-4-2010, 0745 UTC Remarks: UVB76 (Buzzer). Heard on 42.35 kHz harmonics. Frequencies: 4582.6 Contr: (RP)
4709.2	S28	Mode: AM Date/time: 5-4-2010, 1030 UTC Remarks: Buzzer with harmonics on 4625, 4667.1, 4709.2, 4751.3, 4793.4 kHz Contr: (RP)
4709.2	S28	Mode: AM Date/time: 6-4-2010, 1851 UTC Remarks: Buzzer with harmonics on 4625, 4667.1, 4709.2 kHz Contr: (AB)
4709.2	S28	Mode: AM Date/time: 7-4-2010, 2001 UTC Remarks: Buzzer //4625, 4667.1 and 4709.2 kHz Contr: (AB)
4709.7	S28	Mode: AM Date/time: 18-4-2010, 0745 UTC Remarks: UVB76 (Buzzer). Heard on 42.35 kHz harmonics. Frequencies: 4582.6 Contr: (RP)
4751.3	S28	Mode: AM Date/time: 5-4-2010, 1030 UTC Remarks: Buzzer with harmonics on 4625, 4667.1, 4709.2, 4751.3, 4793.4 kHz Contr: (RP)
4793.4	S28	Mode: AM Date/time: 5-4-2010, 1030 UTC Remarks: Buzzer with harmonics on 4625, 4667.1, 4709.2, 4751.3, 4793.4 kHz Contr: (RP)
4831	M21	Mode: CW Date/time: 13-4-2010, 1903 UTC Remarks: Russian Air Defense. ID 9 =99?2303??9????? Contr: (FN)
4880.0	E10	Mode: USB Date/time: Thu 29-4-2010, 2146 UTC Remarks: Tx in progress. Very weak signal. Contr: (DrS)
4909	E11	Mode: USB Date/time: Thu 1-4-2010, 0725 UTC Remarks: 248/00 Contr: (HFD)
4909	S11a	Mode: USB Date/time: Mon 5-4-2010, 1125 UTC Remarks: 354/00 Contr: (HFD)
4955	M45	Mode: CW Date/time: Thu 1-4-2010, 1802 UTC Remarks: 555-183/31=80978 Contr: (HFD)
4957.36	OL03	Mode: FEC 100/170 Date/time: 23-4-2010, 2040 UTC

		Remarks: Czech Intel. Enciphered broadcast. //6946.36 kHz Contr: (MPJ)
5149	E11	Mode: USB Date/time: Wed 7-4-2010, 0540 UTC Remarks: 270/00 Contr: (HFD)
5153.7	MX	Mode: CW Date/time: 22-4-2010, 1827 UTC Remarks: Cluster Beacon "D" Contr: (MPJ)
5153.9	MX	Mode: CW Date/time: 22-4-2010, 1827 UTC Remarks: Cluster Beacon "S" Contr: (MPJ)
5154	MX	Mode: CW Date/time: 21-3-2010, 1716 UTC Remarks: Beacon "C" Moscow Contr: (BCI)
5310	M89	Mode: CW Date/time: 22-4-2010, 1813 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (MPJ)
5310	M89	Mode: CW Date/time: 22-4-2010, 1859 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (MPJ)
5417.0	V02a	Mode: AM Date/time: Fri 9-4-2010, 0200 UTC Remarks: SSSL atencion: 00832 33861 05651 Weak sig. Contr: (westli)
5417.0	V02a	Mode: AM Date/time: Fri 23-4-2010, 0200 UTC Remarks: SSSL atencion: 74732 14311 71382 Weak sig. Contr: (westli)
5421.04	M51	Mode: CW Date/time: 22-4-2010, 1927 UTC Remarks: NR 63 A 22 21:25:48 1993 = QWPRD GQUTF VOFNC ... Contr: (MPJ)
5428	S06	Mode: AM Date/time: Sat 3-4-2010, 1930 UTC Remarks: 405 0 Contr: (HFD)
5432	E11	Mode: USB Date/time: Mon 5-4-2010, 0613 UTC Remarks: ip Contr: (HFD)
5432	E11	Mode: USB Date/time: Mon 12-4-2010, 0610 UTC Remarks: 262/00 Contr: (HFD)
5435	E10	Mode: AM Date/time: 23-3-2010, 0452 UTC Remarks: ART Contr: (BCI)
5435.0	E10	Mode: USB Date/time: Fri 2-4-2010, 2200 UTC Remarks: ART. Very poor signal - began SINPO 12232 and faded completely by 2213. Contr: (DrS)
5435.0	E10	Mode: USB Date/time: Thu 29-4-2010, 2200 UTC Remarks: ART Group 21. Good, clear signal. EOT at 2211. Contr: (DrS)
5435.0	E10	Mode: USB Date/time: Fri 30-4-2010, 2200 UTC Remarks: ART Group 16. Clear signal. EOT 2207. Contr: (DrS)
5442	G06	Mode: AM Date/time: Fri 9-4-2010, 1930 UTC Remarks: 947-109/15=64829 Contr: (HFD)
5464	M14	Mode: CW Date/time: Wed 28-4-2010, 1920 UTC Remarks: 537-205/15=64380 Contr: (HFD)
5715	V24	Mode: USB Date/time: 11-4-2010, 1430 UTC Remarks: msg's Contr: (DA)

5735	S06	Mode: AM Date/time: Wed 28-4-2010, 1800 UTC Remarks: 471 0 Contr: (HFD)
5752	M21	Mode: CW Date/time: 21-3-2010, 1730 UTC Remarks: PVO Contr: (BCI)
5758	M42	Mode: MFSK-20/10Bd Date/time: 9-4-2010, 2048 UTC Remarks: Russian Gov/Intel. Contr: (linkz)
5758	XPA	Mode: AM Date/time: Fri 2-4-2010, 2040 UTC Remarks: msg Contr: (HFD)
5762.0	V02a	Mode: AM Date/time: Sat 3-4-2010, 0200 UTC Remarks: SSYL atencion: 02702 21041 46451 Good sig. Contr: (westli)
5762.0	V02a	Mode: AM Date/time: Sat 24-4-2010, 0200 UTC Remarks: SSYL: Weak sig. Up late IP. Contr: (westli)
5773	E07	Mode: AM Date/time: 7-4-2010, 2049 UTC Remarks: 147 147 147 1 then 294 77 294 77 000 000 Contr: (linkz)
5773	E07a	Mode: AM Date/time: Wed 7-4-2010, 2040 UTC Remarks: 147 Contr: (HFD)
5779	E11	Mode: USB Date/time: Mon 19-4-2010, 0445 UTC Remarks: 416/30=54044 Contr: (HFD)
5788	M12	Mode: CW Date/time: Mon 5-4-2010, 1740 UTC Remarks: 463 1 Contr: (HFD)
5800.0	M08a	Mode: MCW Date/time: Thu 1-4-2010, 0600 UTC Remarks: 5f cut nums: 16311 20382 24141 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 3-4-2010, 0600 UTC Remarks: 5f cut nums: 72721 15441 44282 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 5-4-2010, 0600 UTC Remarks: 5f cut nums: 88431 74701 36031 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 6-4-2010, 0600 UTC Remarks: 5f cut nums: 25042 75411 52842 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 8-4-2010, 0600 UTC Remarks: 5f cut nums: 70752 41652 45441 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 10-4-2010, 0600 UTC Remarks: 5f cut nums: 03832 66572 33552 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 12-4-2010, 0600 UTC Remarks: 5f cut nums: 15221 46501 36771 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 13-4-2010, 0600 UTC Remarks: 5f cut nums: 57422 04021 05862 VG sig. Contr: (westli)

5800.0	M08a	Mode: MCW Date/time: Thu 15-4-2010, 0600 UTC Remarks: 5f cut nums: Good sig. caught late Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 17-4-2010, 0600 UTC Remarks: 5f cut nums: 66341 16371 16162 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 19-4-2010, 0600 UTC Remarks: 5f cut nums: 26012 52682 36402 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 22-4-2010, 0600 UTC Remarks: 5f cut nums: 84462 53182 86152 VG sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 24-4-2010, 0600 UTC Remarks: 5f cut nums: 12521 87201 10761 Good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 26-4-2010, 0600 UTC Remarks: 5f cut nums: 38081 04071 72301 Good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 27-4-2010, 0600 UTC Remarks: 5f cut nums: 04082 68701 61802 Good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 29-4-2010, 0600 UTC Remarks: 5f cut nums: VG sig. Up late, caught late. Contr: (westli)
5810	M01b	Mode: CW Date/time: Fri 2-4-2010, 1515 UTC Remarks: 158-242/35=14617 Contr: (HFD)
5810.0	M08a	Mode: MCW Date/time: Sun 4-4-2010, 0600 UTC Remarks: 5f cut nums: 34431 74322 60072 VG sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 11-4-2010, 0600 UTC Remarks: 5f cut nums: 04102 53611 82742 VG sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 16-4-2010, 0500 UTC Remarks: 5f cut nums: 67411 53301 35552 VG sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 16-4-2010, 0600 UTC Remarks: 5f cut nums: 67411 53301 35552 VG sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 18-4-2010, 0600 UTC Remarks: 5f cut nums: 13511 43822 13432 Good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 23-4-2010, 0500 UTC Remarks: 5f cut nums: 72911 07211 33542 up late Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 25-4-2010, 0600 UTC Remarks: 5f cut nums: 38042 80762 58382 VG sig. Contr: (westli)

5810.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 0500 UTC Remarks: 5f cut nums: 54491 25112 10622 VG sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 0600 UTC Remarks: 5f cut nums: 54491 25112 10622 VG sig. Contr: (westli)
5815	G11	Mode: USB Date/time: Tue 6-4-2010, 1205 UTC Remarks: 270/00 Contr: (HFD)
5829	M12	Mode: CW Date/time: Thu 1-4-2010, 0340 UTC Remarks: 890 1 Contr: (HFD)
5831	E11	Mode: USB Date/time: Thu 15-4-2010, 1830 UTC Remarks: 416/00 Contr: (HFD)
5831	E11	Mode: USB Date/time: Thu 29-4-2010, 1830 UTC Remarks: 416/00 Contr: (HFD)
5855	S11a	Mode: USB Date/time: Tue 6-4-2010, 0855 UTC Remarks: 484/00 Contr: (HFD)
5883.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 0700 UTC Remarks: 5f cut nums: 23312 82391 12262 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 1-4-2010, 0700 UTC Remarks: SSYL atencion: 26661 56821 54841 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 3-4-2010, 0700 UTC Remarks: SSYL atencion: 84032 43042 61041 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 4-4-2010, 0700 UTC Remarks: SSYL atencion: 21122 81321 72832 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 5-4-2010, 0700 UTC Remarks: SSYL atencion: 51482 23082 58511 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 8-4-2010, 0700 UTC Remarks: SSYL atencion: 08722 66761 71082 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 9-4-2010, 0700 UTC Remarks: SSYL: 11161 46312 VG sig. Up late IP. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 10-4-2010, 0700 UTC Remarks: ...Atencion 57641 44541 30251... Si0 322 (Local RF Interference) Contr: (ETN)
5883.0	V02a	Mode: AM Date/time: Sat 10-4-2010, 0700 UTC Remarks: SSYL atencion: 57641 44541 30251 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 11-4-2010, 0700 UTC Remarks: SSYL atencion: 00721 68432 67632 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 12-4-2010, 0700 UTC Remarks: SSYL atencion: 54752 44412 06202 VG sig.

		Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 16-4-2010, 0700 UTC Remarks: SSYL atencion: 77261 81571 71772 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 18-4-2010, 0700 UTC Remarks: SSYL atencion: 53261 33051 37851 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 19-4-2010, 0700 UTC Remarks: SSYL atencion: 34101 23521 16861 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 20-4-2010, 0700 UTC Remarks: SSYL atencion: 76841 52831 38402 VG sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 0700 UTC Remarks: SSYL atencion: 76181 45471 13411 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 23-4-2010, 0700 UTC Remarks: SSYL atencion: 28732 31162 78341 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 24-4-2010, 0700 UTC Remarks: SSYL atencion: 01131 81151 54041 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 25-4-2010, 0700 UTC Remarks: SSYL atencion: 50702 13611 73281 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 25-4-2010, 0700 UTC Remarks: Strong in UK Contr: (CU)
5883.0	V02a	Mode: AM Date/time: Mon 26-4-2010, 0700 UTC Remarks: SSYL atencion: 28802 66802 06512 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 27-4-2010, 0700 UTC Remarks: SSYL atencion: 83301 23371 48572 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 29-4-2010, 0700 UTC Remarks: SSYL atencion: 80481 73762 82811 Good sig. Contr: (westli)
5893	M12	Mode: CW Date/time: Wed 7-4-2010, 2200 UTC Remarks: 785 0 Contr: (HFD)
5895.25	M42	Mode: RUS-ARQ 100/1000 Date/time: 1-4-2010, 0616 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
5898	M08a	Mode: CW Date/time: 23-4-2010, 0811 UTC Remarks: DGI Cuba with crosstalk. Very weakly in the audio of RHC on 5040 Contr: (Jon-FL)
5898.0	M08a	Mode: MCW Date/time: Thu 1-4-2010, 0500 UTC Remarks: 5f cut nums: 20382 VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 3-4-2010, 0500 UTC Remarks: 5f cut nums: 02702 21041 46451 VG sig. Up late Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 5-4-2010, 0500 UTC Remarks: 5f cut nums: Good sig. Up late IP.

		Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 6-4-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 8-4-2010, 0500 UTC Remarks: 5f cut nums: 70752 41652 45441 VG sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 10-4-2010, 0500 UTC Remarks: 5f cut nums: 03832 66572 33552 VG sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 12-4-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 13-4-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 15-4-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 17-4-2010, 0500 UTC Remarks: 5f cut nums: ...41 Good sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 19-4-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 20-4-2010, 0500 UTC Remarks: 5f cut nums: Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 22-4-2010, 0500 UTC Remarks: 5f cut nums: 84462 53182 86152 VG sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Fri 23-4-2010, 0800 UTC Remarks: 5f cut nums: 58301 80851 81202 Good sig. Expected V2a Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 24-4-2010, 0500 UTC Remarks: Good sig. 5f cut nums: 12521 87201 10761 Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 26-4-2010, 0500 UTC Remarks: 5f cut nums: Good sig. up very late
		Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 27-4-2010, 0500 UTC Remarks: 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 29-4-2010, 0500 UTC Remarks: 5f cut nums: 82611 VG sig. IP. up at 0511z Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 0800 UTC

		Remarks: 5f cut nums: 23312 82391 12262 Good sig. switched to V2a Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 1-4-2010, 0800 UTC Remarks: SSYL atencion: 26661 56821 54841 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 4-4-2010, 0800 UTC Remarks: SSYL atencion: 21122 81321 72832 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 6-4-2010, 0800 UTC Remarks: SSYL atencion: 07542 37422 74552 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 8-4-2010, 0800 UTC Remarks: SSYL atencion: 08722 66761 71082 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 9-4-2010, 0800 UTC Remarks: SSYL: 11161 46312 VG sig. Up late IP. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 10-4-2010, 0800 UTC Remarks: SSYL atencion: 57641 44541 30251 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 11-4-2010, 0800 UTC Remarks: SSYL atencion: 00721 68432 67632 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 12-4-2010, 0800 UTC Remarks: SSYL atencion: 54752 44412 06202 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 13-4-2010, 0800 UTC Remarks: SSYL: VG sig. Up late IP. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 15-4-2010, 0800 UTC Remarks: SSYL atencion: 65621 61541 44431 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 16-4-2010, 0800 UTC Remarks: SSYL atencion: 77261 81571 71772 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 17-4-2010, 0800 UTC Remarks: SSYL atencion: 68512 38671 44271 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 18-4-2010, 0800 UTC Remarks: SSYL atencion: 53261 33051 37851 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 19-4-2010, 0800 UTC Remarks: SSYL atencion: 34101 23521 16861 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 20-4-2010, 0800 UTC Remarks: SSYL atencion: 76841 52831 38402 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 0008 UTC

		Remarks: Female voice, Spanish numbers; groups of 5 digits but does not use digit 9 Contr: (#8217)
5898.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 0008 UTC Remarks: Female Spanish voice, numbers in groups of 5, does not use digit "9" Contr: (#8217)
5898.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 0800 UTC Remarks: SSYL atencion: 76181 45471 13411 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 24-4-2010, 0800 UTC Remarks: SSYL atencion: 01131 81151 54041 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 25-4-2010, 0800 UTC Remarks: SSYL atencion: 50702 13611 73281 VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 26-4-2010, 0800 UTC Remarks: SSYL atencion: 28802 66802 06512 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 27-4-2010, 0800 UTC Remarks: SSYL atencion: 83301 23371 48572 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 29-4-2010, 0800 UTC Remarks: SSYL atencion: 80481 73762 82811 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 30-4-2010, 0800 UTC Remarks: SSYL: Good sig. IP. sked started with M8a Contr: (westli)
5930.0	SK01	Mode: RDFT Date/time: Sat 10-4-2010, 0930 UTC Remarks: Contr: (MS)
5930.0	SK01	Mode: RDFT Date/time: Tue 13-4-2010, 0930 UTC Remarks: Contr: (MS)
5930.0	SK01	Mode: RDFT Date/time: Sat 17-4-2010, 0930 UTC Remarks: carrier up, but no xmsn present Contr: (MS)
5938	M01b	Mode: CW Date/time: Thu 1-4-2010, 1505 UTC Remarks: 159-242/35=14617 Contr: (HFD)
5947.0	SK01	Mode: RDFT Date/time: Sat 10-4-2010, 0900 UTC Remarks: Contr: (MS)
5947.0	SK01	Mode: RDFT Date/time: Tue 13-4-2010, 0900 UTC Remarks: Contr: (MS)
5947.0	SK01	Mode: RDFT Date/time: Sat 17-4-2010, 0900 UTC Remarks: carrier up, but no xmsn present Contr: (MS)
6250	XSL	Mode: PSK Date/time: 15-4-2010, 0759 UTC Remarks: Japanese Slot Machine Contr: (all)
6280	E11	Mode: USB Date/time: Thu 1-4-2010, 0605 UTC Remarks: 517/00 Contr: (HFD)
6280	E11	Mode: USB Date/time: Tue 6-4-2010, 0605 UTC Remarks: 510/33 Contr: (HFD)
6321.5	M21	Mode: CW Date/time: 29-4-2010, 1836 UTC Remarks: Russian Air Defence (PV0) =12875232534634 =12876232528434 =128752 Contr: (MPJ)
6330	M94	Mode: CW Date/time: 10-4-2010, 1404 UTC

		Remarks: in progress Contr: (DA)
6330	M94	Mode: CW Date/time: 11-4-2010, 1400 UTC Remarks: ID 925 Contr: (DA)
6379	M22	Mode: CW Date/time: 17-4-2010, 1740 UTC Remarks: 4XZ Israeli Navy Haifa: "VVV DE 4XZ" Contr: (VL)
6379	M22	Mode: CW Date/time: 28-4-2010, 0205 UTC Remarks: 4XZ: Israeli Naval Stn Haifa. FG/LGs of various lengths. Contr: (SRB)
6397	E11	Mode: USB Date/time: Tue 6-4-2010, 0500 UTC Remarks: 576/00 Contr: (HFD)
6397	E11	Mode: USB Date/time: Tue 13-4-2010, 0500 UTC Remarks: 576/00 Contr: (HFD)
6417	XSL	Mode: PSK Date/time: 21-4-2010, 0855 UTC Remarks: Japanese Slot Machine Contr: (all)
6433	E11	Mode: USB Date/time: Sun 4-4-2010, 0915 UTC Remarks: 127/00 Contr: (HFD)
6445	XSL	Mode: PSK Date/time: 15-4-2010, 0800 UTC Remarks: Japanese Slot Machine Contr: (all)
6498.0	E10	Mode: USB Date/time: Wed 7-4-2010, 2100 UTC Remarks: PCD. Group 25. Weak signal. Tx stopped after rpt at 2112. Contr: (DrS)
6508	M01	Mode: CW Date/time: Sun 4-4-2010, 0700 UTC Remarks: 463 Contr: (HFD)
6730.0	V24	Mode: AM Date/time: Tue 6-4-2010, 1430 UTC Remarks: Begins with western pop-style music for 3 music followed by female passing numbers Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 3-4-2010, 0100 UTC Remarks: SSYL: Up late IP. Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 5-4-2010, 0400 UTC Remarks: SSYL atencion: 61921 05711 73461 Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 10-4-2010, 0100 UTC Remarks: SSYL atencion: 37661 30132 35781 Good sig. Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 24-4-2010, 0100 UTC Remarks: SSYL atencion: 10321 66021 02371 Contr: (westli)
6792	M24	Mode: CW Date/time: 20-4-2010, 1702 UTC Remarks: 523 523 86 86 = = 15861 15861 95437 95437 ... 04992 04992 68766 6 Contr: (MPJ)
6793	M12	Mode: CW Date/time: Wed 7-4-2010, 2100 UTC Remarks: 785 0 Contr: (HFD)
6802	M12	Mode: CW Date/time: Mon 5-4-2010, 1720 UTC Remarks: 463 1 Contr: (HFD)
6802	M12	Mode: CW Date/time: 20-4-2010, 1622 UTC Remarks: 463 463 463 1 5213 70 5213 70 63038 28043 28211 ... 60823 86152 0 Contr: (MPJ)
6804	E11	Mode: USB Date/time: Tue 6-4-2010, 0535 UTC Remarks: 633/38 Contr: (HFD)
6814	S11	Mode: USB Date/time: 6-4-2010, 0727 UTC

		Remarks: "NOLL NOLL DOIVKA SHET" Contr: (BCI)
6814	S11a	Mode: USB Date/time: Fri 2-4-2010, 0730 UTC
		Remarks: 426/00 Contr: (HFD)
6814	S11a	Mode: USB Date/time: Tue 6-4-2010, 0730 UTC
		Remarks: 426/00 Contr: (HFD)
6822.36	OL03	Mode: FEC 100/170 Date/time: 29-4-2010, 1750 UTC
		Remarks: Czech Intel 1750 ARQ Encrypted. Contr: (MPJ)
6825	M51	Mode: CW Date/time: 18-4-2010, 0700 UTC
		Remarks: FAV22 morse lesson Contr: (VL)
6840	M89	Mode: CW Date/time: 17-4-2010, 2222 UTC
		Remarks: VVV VVV Q2M DE NYZ Contr: (VL)
6840.0	E10	Mode: USB Date/time: Thu 1-4-2010, 0200 UTC
		Remarks: EZI. Group 96. Rpt tx stopped abruptly at 0224. SINPO 33333. Contr: (DrS)
6840.0	E10	Mode: USB Date/time: Thu 1-4-2010, 1800 UTC
		Remarks: EZI2 Contr: (CU)
6854.0	M08a	Mode: CW Date/time: Thu 15-4-2010, 2200 UTC
		Remarks: 54732 58771 (Caught this sked late.) Contr: (MS)
6855.0	M08a	Mode: MCW Date/time: Wed 21-4-2010, 2200 UTC
		Remarks: 41401 72511 32472 Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 1-4-2010, 2100 UTC
		Remarks: A 24172 18661 86132 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 5-4-2010, 0300 UTC
		Remarks: SSYL atencion: 61921 05711 73461 Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Mon 5-4-2010, 2100 UTC
		Remarks: A 37222 17161 37441 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 7-4-2010, 2100 UTC
		Remarks: A 77351 35012 48232 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 9-4-2010, 2100 UTC
		Remarks: A 48101 36101 43522 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Sun 11-4-2010, 2100 UTC
		Remarks: A 18482 54852 37742 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 12-4-2010, 2100 UTC
		Remarks: A 32822 30802 03681 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 14-4-2010, 2100 UTC
		Remarks: A 66451 27002 67422 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 15-4-2010, 2102 UTC
		Remarks: A 20141 72372 83542 (YL/SS. Moved here from incorrect freq of 7887m.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 21-4-2010, 2100 UTC
		Remarks: A 38631 56151 02201 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 26-4-2010, 0300 UTC
		Remarks: SSYL atencion: 24172 45052 36232 strong but ugly signal Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Mon 26-4-2010, 2100 UTC
		Remarks: A 70602 54282 58811 (YL/SS.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 28-4-2010, 2100 UTC

6855.0	V02a	Remarks: A 62042 32512 61641 (YL/SS) Contr: (MS) Mode: AM Date/time: Fri 30-4-2010, 2100 UTC Remarks: A 33021 54412 74431 (YL/SS) Contr: (MS)
6878	M12	Mode: CW Date/time: Mon 5-4-2010, 0500 UTC Remarks: 803 1 Contr: (HFD)
6918	E17?	Mode: USB Date/time: 11-4-2010, 0030 UTC Remarks: 759 Contr: (VL)
6929	M12	Mode: CW Date/time: Thu 1-4-2010, 0400 UTC Remarks: 890 1 Contr: (HFD)
6933.0	V02a	Mode: AM Date/time: Sun 4-4-2010, 0700 UTC Remarks: SSSL atencion: 83301 13611 01861 VG sig. Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 11-4-2010, 0700 UTC Remarks: SSSL atencion: 31671 713.2 16331 Weak sig. Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 18-4-2010, 0700 UTC Remarks: SSSL atencion: 00271 16772 31662 Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 25-4-2010, 0700 UTC Remarks: Good signal in UK Contr: (CU)
6933.0	V02a	Mode: AM Date/time: Sun 25-4-2010, 0700 UTC Remarks: SSSL: Up late IP. Contr: (westli)
6941	E07	Mode: AM Date/time: Thu 1-4-2010, 0700 UTC Remarks: 900 1-237/71=75169 Contr: (HFD)
6946.36	OL03	Mode: FEC 100/170 Date/time: 23-4-2010, 2040 UTC Remarks: Czech Intel. Enciphered broadcast. //4957.36 kHz Contr: (MPJ)
6971	XPA	Mode: AM Date/time: Fri 2-4-2010, 2020 UTC Remarks: msg Contr: (HFD)
6972	M12	Mode: CW Date/time: Mon 5-4-2010, 0400 UTC Remarks: 913 1 Contr: (HFD)
6977	M03	Mode: CW Date/time: Tue 6-4-2010, 0955 UTC Remarks: 786/00 Contr: (HFD)
6981	M51	Mode: CW Date/time: 24-3-2010, 2032 UTC Remarks: FAV22 - Mont Valerien Contr: (BCI)
7039.2	MX	Mode: CW Date/time: 4-4-2010, 1300 UTC Remarks: Beacon "F" Vladivostok Contr:
7039.3	MX	Mode: CW Date/time: 4-4-2010, 1300 UTC Remarks: Beacon "K" Petropavlovsk Contr:
7149	M89	Mode: CW Date/time: 19-4-2010, 1553 UTC Remarks: B7TZ B7TZ B7TZ de 8PNX 8PNX V Contr: (GNV)
7437	E07	Mode: AM Date/time: 8-4-2010, 0430 UTC Remarks: 411 1 17370 294 77 5FGs Contr: (MUK)
7437	E07a	Mode: AM Date/time: Thu 1-4-2010, 0430 UTC Remarks: 411 0 Contr: (HFD)
7469	E11	Mode: USB Date/time: Tue 27-4-2010, 0825 UTC Remarks: 469/00 Contr: (HFD)
7473	E07a	Mode: AM Date/time: Wed 7-4-2010, 2023 UTC Remarks: ip weak Contr: (HFD)

7489	M51	Mode: CW Date/time: 24-3-2010, 0555 UTC Remarks: NR 80 M 24 07:31:44 1993 BT IESWY QREDG CAVKO SZRUT Contr: (BCI)
7526	E07	Mode: AM Date/time: Thu 1-4-2010, 2030 UTC Remarks: only carrier Contr: (HFD)
7554.0	M08a	Mode: CW Date/time: Mon 19-4-2010, 2000 UTC Remarks: (Too weak for copy.) Contr: (MS)
7630	S06	Mode: AM Date/time: Mon 12-4-2010, 2115 UTC Remarks: 285 0 Contr: (HFD)
7746.35	OL03	Mode: FEC 100/170 Date/time: 29-3-2010, 1645 UTC Remarks: Czech Intel. Contr: (BCI)
7795	S06s	Mode: AM Date/time: Fri 2-4-2010, 0600 UTC Remarks: 196-480/5=65906 Contr: (HFD)
7804	M51	Mode: CW Date/time: 1-4-2010, 0646 UTC Remarks: NR 41 M 31 08:47:41 1988 BT UTWUF AH0Y0 JPOAZ AFFHA AEFEG Contr: (BCI)
7805	V02a	Mode: AM Date/time: 28-4-2010, 0117 UTC Remarks: OM in SS w/ 5LGs Contr: (SRB)
7833	S06	Mode: AM Date/time: Sat 3-4-2010, 1600 UTC Remarks: 864 0 Contr: (HFD)
7871.35	OL03	Mode: FEC 100/170 Date/time: 8-4-2010, 1643 UTC Remarks: Czech Intel. Contr: (BCI)
7887.0	V02a	Mode: AM Date/time: Thu 1-4-2010, 2000 UTC Remarks: A 12772 34412 30012 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sat 3-4-2010, 2000 UTC Remarks: A 44041 18341 87172 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 7-4-2010, 2000 UTC Remarks: A 27771 27521 (YL/SS. Late start, in progress at 2004z.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 8-4-2010, 2000 UTC Remarks: A 42072 81141 87582 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 11-4-2010, 2000 UTC Remarks: A 18482 54852 37742 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Tue 13-4-2010, 2000 UTC Remarks: A 41821 30772 77352 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 14-4-2010, 2000 UTC Remarks: A 66451 27002 67422 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 15-4-2010, 2000 UTC Remarks: A 20141 72372 83542 (YL/SS.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 15-4-2010, 2100 UTC Remarks: A 20141 72372 83542 (YL/SS. Expected on 6855m this hour. Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Fri 16-4-2010, 0020 UTC Remarks: Very strong signal with minimal QSB Contr: (RMI)
7887.0	V02a	Mode: AM Date/time: Fri 16-4-2010, 2000 UTC Remarks: A 05432 36462 80221 (YL/SS.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 18-4-2010, 2000 UTC Remarks: A 11711 75261 17871 (YL/SS) Contr: (MS)

7887.0	V02a	Mode: AM Date/time: Mon 19-4-2010, 2000 UTC Remarks: A 72631 41002 04751 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 21-4-2010, 2000 UTC Remarks: A 36571 77782 (YL/SS. Caught late.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 2000 UTC Remarks: A 34131 06.62 34232 (YL/SS. Very weak, fades away.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 25-4-2010, 2000 UTC Remarks: A 36231 82301 31821 (YL/SS.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Mon 26-4-2010, 2000 UTC Remarks: A 70602 54282 58811 (YL/SS.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Tue 27-4-2010, 2000 UTC Remarks: A 82251 35182 38232 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 28-4-2010, 2000 UTC Remarks: A 32342 88872 87272 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Thu 29-4-2010, 2000 UTC Remarks: A 05431 01031 76531 (YL/SS) Contr: (MS)
7890.0	SK01	Mode: RDFT Date/time: Thu 1-4-2010, 1030 UTC Remarks: Contr: (MS)
7890.0	SK01	Mode: RDFT Date/time: Tue 13-4-2010, 1030 UTC Remarks: Contr: (MS)
7927.5	M42	Mode: CROWD36 Date/time: 31-3-2010, 1850 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
7951	M51	Mode: CW Date/time: 24-3-2010, 1917 UTC Remarks: NR 16 M 24 20:40:14 1993 BT MDMUP OXTSQ NIMOU DCLZR DLORE Contr: (BCI)
7994	M21	Mode: CW Date/time: 2-4-2010, 0641 UTC Remarks: Russian Air Defense. =99?1042?9????? Contr: (WP3)
8009.0	M08a	Mode: CW Date/time: Thu 8-4-2010, 2300 UTC Remarks: 5f cut nums: Very weak sig. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Mon 12-4-2010, 2300 UTC Remarks: 5f cut nums: 43001 56611 48702 Weak sig. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Wed 14-4-2010, 2300 UTC Remarks: 5f cut nums: 04022 76251 24882 Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Mon 19-4-2010, 2300 UTC Remarks: 5f cut nums: 77082 17172 88852 Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Wed 21-4-2010, 2300 UTC Remarks: 5f cut nums: 41401 72811 32472 Weak sig. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Mon 26-4-2010, 2300 UTC Remarks: 5f cut nums: 82862 88082 82042 Very weak sig. Contr: (westli)
8023	G06	Mode: AM Date/time: Sat 3-4-2010, 2030 UTC

		Remarks: 364 0 Contr: (HFD)
8023	G06	Mode: AM Date/time: Sun 18-4-2010, 2033 UTC Remarks: ip heard only 0 Contr: (HFD)
8029	M12	Mode: CW Date/time: Thu 1-4-2010, 0420 UTC Remarks: 890 1 Contr: (HFD)
8041	E07	Mode: AM Date/time: Thu 1-4-2010, 0720 UTC Remarks: 902 1 Contr: (HFD)
8047	M12	Mode: CW Date/time: Mon 5-4-2010, 1700 UTC Remarks: 463 1 Contr: (HFD)
8047	M12	Mode: CW Date/time: Tue 13-4-2010, 1600 UTC Remarks: 463 1 Contr: (HFD)
8078	M12	Mode: CW Date/time: Mon 5-4-2010, 0520 UTC Remarks: 803 1 Contr: (HFD)
8091	G11	Mode: USB Date/time: Thu 1-4-2010, 0935 UTC Remarks: 275/00 Contr: (HFD)
8096.0	M08a	Mode: CW Date/time: Fri 2-4-2010, 1300 UTC Remarks: 10672 78051 70142 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 2-4-2010, 1400 UTC Remarks: 10672 78051 70142 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 5-4-2010, 1300 UTC Remarks: 65561 (Caught late.) Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 7-4-2010, 1400 UTC Remarks: 5f cut nums: 86672 60021 072881 Weak sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Fri 9-4-2010, 1300 UTC Remarks: 30202 51021 56171 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 9-4-2010, 1400 UTC Remarks: 30202 51021 56171 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 14-4-2010, 1400 UTC Remarks: (Too weak for copy.) Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 14-4-2010, 1400 UTC Remarks: 5f cut nums: 81412 63422 26842 Weak sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Wed 21-4-2010, 1300 UTC Remarks: 07871 10221 00631 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 21-4-2010, 1400 UTC Remarks: (Too weak and heavy fades.) Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Fri 23-4-2010, 1300 UTC Remarks: 34011 51501 37462 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 28-4-2010, 1400 UTC Remarks: 5f cut nums: 46252 35572 48462 Weak sig. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Thu 1-4-2010, 1900 UTC Remarks: 24601 85822 43201 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 2-4-2010, 1800 UTC Remarks: 83651 61221 13281 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 5-4-2010, 1900 UTC Remarks: 15622 84881 86242 Contr: (MS)

8097.0	M08a	Mode: MCW Date/time: Wed 7-4-2010, 1900 UTC Remarks: 77171 66641 53122 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 8-4-2010, 1800 UTC Remarks: 64171 88131 14432 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sat 10-4-2010, 1800 UTC Remarks: 62672 03332 48161 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sat 10-4-2010, 1900 UTC Remarks: 62672 03332 48161 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 11-4-2010, 1900 UTC Remarks: 46232 34471 83312 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 12-4-2010, 1800 UTC Remarks: 22651 66581 66131 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 12-4-2010, 1900 UTC Remarks: 22651 66581 66131 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 14-4-2010, 1800 UTC Remarks: 52712 83042 27772 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 14-4-2010, 1900 UTC Remarks: 52712 83042 27772 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 15-4-2010, 1800 UTC Remarks: , , , , , 63731 81512 (Late start at 1806z, in progress.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 15-4-2010, 1900 UTC Remarks: 67172 63731 81512 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 16-4-2010, 1800 UTC Remarks: , , , , , 71312 68052 (Late start at 1807z, in progress. Opr made same mistakes Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 16-4-2010, 1900 UTC Remarks: 08051 71312 68052 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 18-4-2010, 1800 UTC Remarks: 63102 21601 45311 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 18-4-2010, 1900 UTC Remarks: 63102 21601 45311 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 19-4-2010, 1800 UTC Remarks: 70721 55532 73111 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 19-4-2010, 1900 UTC Remarks: 70721 55532 73111 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 20-4-2010, 1800 UTC Remarks: 73332 11341 (Late start. In progress at 1806z.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 20-4-2010, 1900 UTC Remarks: 25562 73332 11341 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 21-4-2010, 1800 UTC Remarks: 72832 06872 06642 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 21-4-2010, 1900 UTC Remarks: 72832 06872 06642 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 22-4-2010, 1800 UTC Remarks: (Carrier present. No xmsn heard.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 22-4-2010, 1900 UTC

		Remarks: (Carrier present. No xmsn heard.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 23-4-2010, 1800 UTC Remarks: 50131 70011 71352 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 26-4-2010, 1800 UTC Remarks: 78862 51411 31821 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Mon 26-4-2010, 1900 UTC Remarks: 78862 51411 31821 (Very weak signal this hour. Barely copiable.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 27-4-2010, 1800 UTC Remarks: 23802 16302 76812 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 27-4-2010, 1900 UTC Remarks: 23802 16302 76812 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 28-4-2010, 1800 UTC Remarks: 27771 07032 (Caught late.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Thu 29-4-2010, 1900 UTC Remarks: 16851 45261 84101 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 1800 UTC Remarks: (Carrier present, but no xmsn.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 1900 UTC Remarks: (Carrier present, but no xmsn. Believe I could hear a faint SK01 xmsn Contr: (MS)
8104	M42	Mode: Baudot 100/500 Date/time: 1-4-2010, 1842 UTC Remarks: Russian Gov. Messages on link 60102 after "11100 60102 00000" Contr: (BCI)
8104	M42	Mode: CW-FSK Date/time: 1-4-2010, 1851 UTC Remarks: Russian Gov/Intel. Ops-chat "QRQ 1 TT QBN K K K QSL2 NIL" Contr: (BCI)
8105	X06	Mode: AM Date/time: 2-4-2010, 1912 UTC Remarks: Mazielka. Sequence: 314265 Contr: (linkz)
8123	E07	Mode: AM Date/time: Sun 11-4-2010, 1740 UTC Remarks: 171 1 Contr: (HFD)
8123	X06	Mode: AM Date/time: 2-4-2010, 1906 UTC Remarks: Mazielka. Sequence: 463125 Contr: (linkz)
8123	X06	Mode: AM Date/time: 19-4-2010, 2135 UTC Remarks: Mazielka. Contr: (ALF)
8130	S06	Mode: AM Date/time: Mon 5-4-2010, 1200 UTC Remarks: 480 Contr: (HFD)
8130	S06	Mode: AM Date/time: Wed 7-4-2010, 1200 UTC Remarks: 480 Contr: (HFD)
8130	S06	Mode: AM Date/time: Wed 14-4-2010, 1200 UTC Remarks: 480 0 Contr: (HFD)
8130	S06s	Mode: AM Date/time: Mon 12-4-2010, 1205 UTC Remarks: ip Contr: (HFD)
8135.0	M08a	Mode: CW Date/time: Thu 1-4-2010, 2300 UTC Remarks: 5f cut nums: 57201 35811 44421 Weak sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Fri 9-4-2010, 2300 UTC Remarks: 5f cut nums: 86211 23201 63411 Contr: (westli)

8135.0	M08a	Mode: CW Date/time: Tue 20-4-2010, 2300 UTC Remarks: 5f cut nums: 84672 48612 66611 Very weak sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Fri 23-4-2010, 2300 UTC Remarks: 5f cut nums: Very weak sig.
Contr:		(westli)
8135.0	M08a	Mode: CW Date/time: Thu 29-4-2010, 2300 UTC Remarks: 5f cut nums: 55312 Very weak sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 29-4-2010, 2300 UTC Remarks: 55312 25202 24351 Contr: (MS)
8137	E07	Mode: AM Date/time: 8-4-2010, 0450 UTC Remarks: 411 1 17370 294 77 5FGs Contr: (MUK)
8137	E07a	Mode: AM Date/time: Thu 1-4-2010, 0450 UTC Remarks: 411 0 Contr: (HFD)
8158	M12	Mode: CW Date/time: Tue 6-4-2010, 0410 UTC Remarks: 134 1 Contr: (HFD)
8167	M12	Mode: CW Date/time: 8-4-2010, 1642 UTC Remarks: ... = = 143 143 62 62 ends with 00000 Contr: (BCI)
8172	M12	Mode: CW Date/time: Mon 5-4-2010, 0420 UTC Remarks: 913 1 Contr: (HFD)
8173	E07a	Mode: AM Date/time: Wed 7-4-2010, 2000 UTC Remarks: 147-294/97=70032 Contr: (HFD)
8180	M14	Mode: CW Date/time: Fri 16-4-2010, 2000 UTC Remarks: 724 0 Contr: (HFD)
8180.0	SK01	Mode: RDFT Date/time: Tue 13-4-2010, 0900 UTC Remarks: Contr: (MS)
8186.0	M08a	Mode: MCW Date/time: Wed 21-4-2010, 0800 UTC Remarks: 5f cut nums: 81721 55551 Contr: (westli)
8186.0	SK01	Mode: RDFT Date/time: Thu 1-4-2010, 1000 UTC Remarks: Contr: (MS)
8186.0	SK01	Mode: RDFT Date/time: Tue 13-4-2010, 1000 UTC Remarks: Contr: (MS)
8186.0	V02a	Mode: AM Date/time: Mon 5-4-2010, 0800 UTC Remarks: SSYL atencion: 51482 23082 58511 VG sig. Contr: (westli)
8190	M42	Mode: RUS-ARQ 100/500 Date/time: 6-4-2010, 0715 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
8240.0	V02a	Mode: AM Date/time: Wed 7-4-2010, 1000 UTC Remarks: SSYL atencion: 53272 32331 80112 Weak sig. Contr: (westli)
8313	XSL	Mode: PSK Date/time: 17-4-2010, 0825 UTC Remarks: Japanese slot machine Contr: (vambo)
8315	XSL	Mode: PSK Date/time: 21-4-2010, 0909 UTC Remarks: Japanese Slot Machine Contr: (all)
8494.7	MX	Mode: CW Date/time: 23-4-2010, 2113 UTC Remarks: D: UKR Sevastopol Contr: (VL)

8494.9	MX	Mode: CW Date/time: 9-4-2010, 0510 UTC Remarks: Beacon "S" Severomorsk Contr: (BCI)
8494.9	MX	Mode: CW Date/time: 23-4-2010, 2113 UTC Remarks: S: RUS Severomorsk Contr: (VL)
8495	MX	Mode: CW Date/time: 23-4-2010, 2113 UTC Remarks: C: RUS Moscow Contr: (VL)
8495.1	MX	Mode: CW Date/time: 23-4-2010, 2113 UTC Remarks: A: RUS Astrakhan Contr: (VL)
8588	XSL	Mode: PSK Date/time: 15-4-2010, 0813 UTC Remarks: Japanese Slot Machine Contr: (all)
8588	XSL	Mode: PSK Date/time: 17-4-2010, 0821 UTC Remarks: Japanese slot machine Contr: (vambo)
8590	XSL	Mode: PSK Date/time: 21-4-2010, 0911 UTC Remarks: Japanese Slot Machine Contr: (all)
8695	S06s	Mode: AM Date/time: Fri 2-4-2010, 0610 UTC Remarks: 196 Contr: (HFD)
8705	XSL	Mode: PSK Date/time: 15-4-2010, 0813 UTC Remarks: Japanese Slot Machine Contr: (all)
8731	M51	Mode: CW Date/time: 29-3-2010, 0748 UTC Remarks: in progress Contr: (BCI)
8751.5	M51	Mode: CW Date/time: 28-2-2010, 1234 UTC Remarks: FAV22: CSTEI Favieres; via Vernon, F. "VVV de FAV22" QLH 3881/682 Contr: (ALF)
9040.0	SK01	Mode: RDFT Date/time: Sat 10-4-2010, 1000 UTC Remarks: Expected V2a on 9240m this hour Contr: (MS)
9040.0	V02a	Mode: AM Date/time: Wed 7-4-2010, 0900 UTC Remarks: SSYL atencion: 53272 32331 80112 Weak sig. Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 14-4-2010, 0900 UTC Remarks: SSYL atencion: 62131 77112 14862 Weak sig. Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Thu 15-4-2010, 0900 UTC Remarks: SSYL: very weak sig. caught late. Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 21-4-2010, 0900 UTC Remarks: SSYL atencion: 37782 Good sig. up late, preparing 1st msg Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 28-4-2010, 0900 UTC Remarks: SSYL atencion: 61731 45081 62062 Contr: (westli)
9060	M14	Mode: CW Date/time: Fri 16-4-2010, 1900 UTC Remarks: 724 0 Contr: (HFD)
9063.0	M08a	Mode: MCW Date/time: Wed 7-4-2010, 0800 UTC Remarks: 5f cut nums: 32442 62681 66322 Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 9-4-2010, 0800 UTC Remarks: 5f cut nums: 65072 44831 22631 VG sig. switched from V2a. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 9-4-2010, 0800 UTC Remarks: Heavy carrier, no noise can be heard. m8a clear as

can be. Contr: (all)

9063.0 M08a Mode: MCW Date/time: Wed 14-4-2010, 0800 UTC
Remarks: 5f cut nums: 68522 46832 43351 Contr: (westli)

9063.0 M08a Mode: MCW Date/time: Fri 16-4-2010, 0800 UTC
Remarks: 5f cut nums: 52841 13811 64131 Good sig.
Contr: (westli)

9063.0 M08a Mode: MCW Date/time: Wed 21-4-2010, 0800 UTC
Remarks: 5f cut nums: VG sig. Up late IP.
Contr: (westli)

9063.0 M08a Mode: MCW Date/time: Wed 28-4-2010, 0800 UTC
Remarks: 5f cut nums: 51631 71152 24821 VG sig. Contr:
(westli)

9063.0 M08a Mode: MCW Date/time: Fri 30-4-2010, 0800 UTC
Remarks: 5f cut nums: 82391 VG sig. partial call.
Started as V2a Contr: (westli)

9063.0 SK01 Mode: RDFT Date/time: Sat 17-4-2010, 0900 UTC
Remarks: Contr: (MS)

9063.0 V02a Mode: AM Date/time: Fri 9-4-2010, 0800 UTC
Remarks: SSYL atencion: 11161 72532 46312 VG sig.
switches to M8a Contr: (westli)

9063.0 V02a Mode: AM Date/time: Fri 23-4-2010, 0800 UTC
Remarks: SSYL atencion: 28732 31162 78341 Good sig.
Expected M8a Contr: (westli)

9063.0 V02a Mode: AM Date/time: Fri 30-4-2010, 0800 UTC
Remarks: SSYL atencion: 3202. ...71 68022 Good sig.
partial call. Contr: (westli)

9072 X06 Mode: AM Date/time: 9-4-2010, 2154 UTC
Remarks: Mazielka. Sequence: 352416 Contr: (BCI)

9079 E11 Mode: USB Date/time: Thu 1-4-2010, 0730 UTC
Remarks: 649/00 Contr: (HFD)

9088 M42 Mode: Baudot Date/time: 5-4-2010, 1254 UTC
Remarks: Russian Gov/Intel. 5FGs "teywu ieowu owieu owuqi
ueywi rtuvq83 62 Contr: (BvR)

9095 S06 Mode: AM Date/time: Mon 12-4-2010, 2015 UTC
Remarks: 285 0 Contr: (HFD)

9101 XPA Mode: AM Date/time: Fri 2-4-2010, 2000 UTC
Remarks: msg Contr: (HFD)

9105 X06 Mode: AM Date/time: 27-4-2010, 1440 UTC
Remarks: Mazielka. Sequence: 463125 Contr: (HS2)

9112.0 M08a Mode: MCW Date/time: Sun 4-4-2010, 1000 UTC
Remarks: 5f cut nums: 44502 45342 61822 VG sig. Contr:
(westli)

9112.0 M08a Mode: MCW Date/time: Mon 5-4-2010, 1000 UTC
Remarks: 5f cut nums: 01032 78412 32261 Good sig.
Contr: (westli)

9112.0 M08a Mode: MCW Date/time: Sun 11-4-2010, 1000 UTC
Remarks: 5f cut nums: 05551 03271 26212 Very weak sig.
Contr: (westli)

9112.0	M08a	Mode: MCW Date/time: Mon 12-4-2010, 1000 UTC Remarks: 5f cut nums: 87712 27511 16162 VG sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 16-4-2010, 1000 UTC Remarks: 5f cut nums: 00822 22641 55872 Weak sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 18-4-2010, 1000 UTC Remarks: 5f cut nums: 68702 80021 22482 Very weak sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 19-4-2010, 1000 UTC Remarks: 5f cut nums: 54741 51562 07872 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 23-4-2010, 1000 UTC Remarks: 5f cut nums: 11822 31331 44202 Weak sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 25-4-2010, 1000 UTC Remarks: 5f cut nums: 56451 17161 11051 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 26-4-2010, 1000 UTC Remarks: 5f cut nums: 05012 12451 72871 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 1000 UTC Remarks: 5f cut nums: 68252 02581 20052 Weak sig. Contr: (westli)
9126	M51	Mode: CW Date/time: 1-4-2010, 1845 UTC Remarks: NR 58 M ?1 20:48:10 1988 BT JKUZJ BNHJT WAYCO OKRHJ VOEKV Contr: (BCI)
9134.5	M42	Mode: CROWD36 Date/time: 8-4-2010, 1649 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
9137	E07	Mode: AM Date/time: 8-4-2010, 0510 UTC Remarks: 411 1 17370 294 77 5FGs Contr: (MUK)
9152	M03	Mode: CW Date/time: Thu 1-4-2010, 0910 UTC Remarks: 650/00 (!) Contr: (HFD)
9153.0	M08a	Mode: MCW Date/time: Wed 14-4-2010, 0700 UTC Remarks: 5f cut nums: 68522 46832 43351 Good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 16-4-2010, 0700 UTC Remarks: 5f cut nums: 52841 Good sig. Up late IP. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 21-4-2010, 0700 UTC Remarks: 5f cut nums: 30771 81721 55551 VG sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 28-4-2010, 0700 UTC Remarks: 5f cut nums: 51631 71152 24821 VG sig. Contr: (westli)
9153.0	V02a	Mode: AM Date/time: Fri 9-4-2010, 0700 UTC Remarks: SSYL: ..625 02201 VG sig. Up late IP. These may be code grps Contr: (westli)

9153.0	V02a	Mode: AM Date/time: Fri 9-4-2010, 0730 UTC Remarks: v2a data mode. Heavy carrier, no noise can be heard. Clear as can be! Contr: (all)
9153.0	V02a	Mode: AM Date/time: Fri 23-4-2010, 0700 UTC Remarks: SSYL atencion: Expected M8a Contr: (westli)
9197	X06	Mode: AM Date/time: 30-4-2010, 1716 UTC Remarks: Mazielka. Sequence: 164532 Contr: (HS2)
9225	S06s	Mode: AM Date/time: Thu 1-4-2010, 1000 UTC Remarks: 895-270/6=96320 Contr: (HFD)
9240.0	V02a	Mode: AM Date/time: Sat 10-4-2010, 1000 UTC Remarks: SSYL: VG sig. Up late IP. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 14-4-2010, 1000 UTC Remarks: SSYL atencion: 62131 77112 14862 Weak sig. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 17-4-2010, 1000 UTC Remarks: SSYL: Good sig. Up at 1016z IP Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 17-4-2010, 1000 UTC Remarks: (CXR up, but no xmsn present.) Contr: (MS)
9240.0	V02a	Mode: AM Date/time: Wed 21-4-2010, 1000 UTC Remarks: SSYL atencion: 37782 68052 52362 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 24-4-2010, 1000 UTC Remarks: SSYL atencion: 06722 82271 10601 Good sig. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 28-4-2010, 1000 UTC Remarks: SSYL atencion: 61731 45081 62062 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 28-4-2010, 1000 UTC Remarks: A 61731 45081 62062 (YL/SS) Contr: (MS)
9241	E07	Mode: AM Date/time: Thu 1-4-2010, 0740 UTC Remarks: 902 1 Contr: (HFD)
9243	XPA	Mode: AM Date/time: Thu 1-4-2010, 1940 UTC Remarks: msg Contr: (HFD)
9296	M42	Mode: CW + Baudot 50/500 Date/time: 11-4-2010, 1230 UTC Remarks: Russian Gov/Intel. K4MT wkg NT9P "QSY 77135", "QSY 31947"; into R Contr: (ALF)
9317	M12	Mode: CW Date/time: Fri 2-4-2010, 0600 UTC Remarks: 417 0 Contr: (HFD)
9324	M12	Mode: CW Date/time: Tue 6-4-2010, 0430 UTC Remarks: 134 1 Contr: (HFD)
9327	M12	Mode: CW Date/time: Thu 1-4-2010, 1840 UTC Remarks: 938 1 Contr: (HFD)
9372	M12	Mode: CW Date/time: Mon 5-4-2010, 0440 UTC Remarks: 913 1 Contr: (HFD)
9378	M12	Mode: CW Date/time: Mon 5-4-2010, 0540 UTC Remarks: 803 1 Contr: (HFD)
9387	E07	Mode: AM Date/time: Thu 1-4-2010, 2010 UTC

		Remarks: 358 1-145/58=91505 Contr: (HFD)
9923	X06	Mode: AM Date/time: 14-4-2010, 2039 UTC
		Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
9923	X06	Mode: AM Date/time: 27-4-2010, 1430 UTC
		Remarks: Mazielka. Sequence: 463125 Contr: (HS2)
9986.35	OL03	Mode: FEC 100/170 Date/time: 21-3-2010, 1814 UTC
		Remarks: Czech Intel. Contr: (BCI)
10118	XPA	Mode: AM Date/time: Fri 2-4-2010, 0600 UTC
		Remarks: msg Contr: (HFD)
10243	XPA	Mode: AM Date/time: Thu 1-4-2010, 1920 UTC
		Remarks: msg Contr: (HFD)
10255	VTN	Mode: USB Date/time: 3-4-2010, 1559 UTC
		Remarks: OM/Vietnamese. 5FGs Contr: (DCA)
10255	VTN	Mode: USB Date/time: 4-4-2010, 1600 UTC
		Remarks: OM/Vietnamese 5FGs. Contr: (westli)
10255	VTN	Mode: USB Date/time: 14-4-2010, 1600 UTC
		Remarks: Male speaker. Vietnamese 5-fig msgs. Contr: (westli)
10255	VTN	Mode: USB Date/time: 5-4-2010, 1600 UTC
		Remarks: OM/Vietnamese. 71 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 6-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. 71 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 7-4-2010, 1601 UTC
		Remarks: OM/Vietnamese. 71 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 8-4-2010, 1558 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 9-4-2010, 1600 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 10-4-2010, 1555 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 11-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 12-4-2010, 1603 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 13-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. Possibly three 55 group msgs. Contr: (Token)
10255	VTN	Mode: USB Date/time: 14-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 15-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 16-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 17-4-2010, 1602 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 19-4-2010, 1600 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 20-4-2010, 1557 UTC
		Remarks: OM/Vietnamese. 55 groups Contr: (Token)

10255	VTN	Mode: USB Date/time: 22-4-2010, 1606 UTC Remarks: OM/Vietnamese. First msg starts, dropped in mid group so did not get a group count, but the announced group size was "bon hai", or 42. Contr: (Token)
10255	VTN	Mode: USB Date/time: 23-4-2010, 1557 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 24-4-2010, 1559 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 25-4-2010, 1557 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 26-4-2010, 1557 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 27-4-2010, 1559 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 28-4-2010, 1557 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10255	VTN	Mode: USB Date/time: 29-4-2010, 1557 UTC Remarks: OM/Vietnamese. 42 groups Contr: (Token)
10300	X06	Mode: AM Date/time: 20-4-2010, 0723 UTC Remarks: Two-tone Mazielka. Sequence: 121212 Contr: (MUK)
10342.5	M42	Mode: CROWD36 Date/time: 24-3-2010, 1707 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
10367	XPA	Mode: AM Date/time: Tue 6-4-2010, 1420 UTC Remarks: msg Contr: (HFD)
10403	M12	Mode: CW Date/time: Tue 6-4-2010, 0450 UTC Remarks: 134 0 Contr: (HFD)
10432.0	M08a	Mode: MCW Date/time: Sun 4-4-2010, 0900 UTC Remarks: 5f cut nums: 44502 45342 61822 Good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 5-4-2010, 0900 UTC Remarks: 5f cut nums: 01032 78412 32261 Good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 11-4-2010, 0900 UTC Remarks: 5f cut nums: Very weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 12-4-2010, 0900 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 18-4-2010, 0900 UTC Remarks: 5f cut nums: 68702 80021 22482 Very weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 19-4-2010, 0900 UTC Remarks: 5f cut nums: 54741 51562 07872 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 23-4-2010, 0900 UTC Remarks: 5f cut nums: 11822 31331 44202 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 25-4-2010, 0900 UTC

		Remarks: 5f cut nums: 56451 17161 11051 Weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 26-4-2010, 0900 UTC Remarks: 5f cut nums: 05012 12451 72871 Good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 30-4-2010, 0900 UTC Remarks: 5f cut nums: 68252 02581 20052 Contr: (westli)
10445.0	M08a	Mode: CW Date/time: Thu 15-4-2010, 0300 UTC Remarks: 5f cut nums: 83172 42321 15611 stopped sending at 0301z Contr: (westli)
10598	M12	Mode: CW Date/time: Thu 1-4-2010, 1820 UTC Remarks: 938 1 Contr: (HFD)
10617	M12	Mode: CW Date/time: Fri 2-4-2010, 0620 UTC Remarks: 417 0 Contr: (HFD)
10703	E07	Mode: AM Date/time: Sun 11-4-2010, 1720 UTC Remarks: 171 1 Contr: (HFD)
10714.0	M08a	Mode: CW Date/time: Wed 14-4-2010, 1400 UTC Remarks: 15432 68182 42742 (Expected on 10857m. Opr stopped tape and moved freq Contr: (MS)
10714.0	M08a	Mode: CW Date/time: Wed 21-4-2010, 1300 UTC Remarks: 87252 02401 24581 Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Thu 8-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Fri 9-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Sat 10-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Wed 14-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Thu 15-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Fri 16-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Sat 17-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Sun 18-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Mon 19-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Tue 20-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Wed 21-4-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Fri 23-4-2010, 1600 UTC Remarks: Contr: (MS)
10731	X06	Mode: AM Date/time: 2-4-2010, 1912 UTC Remarks: Mazielka. Sequence: 314265 Contr: (linkz)
10748	M12	Mode: CW Date/time: 28-4-2010, 1540 UTC

		Remarks: 991 1 847 117 11348 ... Contr: (FN)
10857.0	M08a	Mode: CW Date/time: Wed 7-4-2010, 1400 UTC Remarks: 5f cut nums: 07562 48511 76562 Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 14-4-2010, 1400 UTC Remarks: 5f cut nums: Weak sig. Up late IP. Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 14-4-2010, 1403 UTC Remarks: 68182 42742 (Moved and began xmsn at 1403z from 10714m. Contr: (MS)
10857.0	M08a	Mode: CW Date/time: Wed 21-4-2010, 1400 UTC Remarks: 5f cut nums: 87252 02401 24581 Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 28-4-2010, 1400 UTC Remarks: 5f cut nums: 42382 28012 12572 Contr: (westli)
10858.0	M08a	Mode: CW Date/time: Wed 21-4-2010, 1400 UTC Remarks: 87252 02401 24581 (Very weak signal this hour.) Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Wed 14-4-2010, 1700 UTC Remarks: Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Fri 16-4-2010, 1700 UTC Remarks: Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Sat 17-4-2010, 1700 UTC Remarks: Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Sun 18-4-2010, 1700 UTC Remarks: Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Mon 19-4-2010, 1700 UTC Remarks: Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Tue 20-4-2010, 1700 UTC Remarks: Contr: (MS)
10858.0	SK01	Mode: RDFT Date/time: Tue 27-4-2010, 1700 UTC Remarks: Contr: (MS)
10872	MX	Mode: CW Date/time: 22-4-2010, 1630 UTC Remarks: Cluster Beacon "C" Contr: (MPJ)
10872.2	MX	Mode: CW Date/time: 21-4-2010, 1520 UTC Remarks: Russian naval beacon "F" Vladivostok Contr: (FN)
10943	XPA	Mode: AM Date/time: Thu 1-4-2010, 1900 UTC Remarks: msg Contr: (HFD)
11084	M51	Mode: CW Date/time: 31-3-2010, 1734 UTC Remarks: NR 85 M 30 18:40:00 1988 BT OKUQT VOYWO LOITC PVHCE MIQHH Contr: (BCI)
11101	M51	Mode: CW Date/time: 29-3-2010, 1529 UTC Remarks: //13501 kHz. "NR 26 M J8 17:52:17 1988 BT DVNNH EEUPW AWTLR KRALW Contr: (BCI)
11107.5	M42	Mode: CROWD36 Date/time: 1-4-2010, 1540 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
11118	XPA	Mode: AM Date/time: Fri 2-4-2010, 0620 UTC Remarks: msg Contr: (HFD)
11122	M42	Mode: Baudot 200/500 Date/time: 29-3-2010, 1656 UTC Remarks: Russian Gov/Intel. Msg "=86444

069148715908406107=8044" Contr: (BCI)

11172.5	M42	Mode: CROWD36 Date/time: 29-3-2010, 1659 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
11411	X06	Mode: AM Date/time: 3-4-2010, 1800 UTC Remarks: Mazielka. Sequence: 164532 Contr: (Dan)
11435	M12	Mode: CW Date/time: Thu 1-4-2010, 1800 UTC Remarks: 938 1 Contr: (HFD)
11467	XPA	Mode: AM Date/time: Tue 6-4-2010, 1400 UTC Remarks: msg Contr: (HFD)
11472	M12	Mode: CW Date/time: 11-4-2010, 1935 UTC Remarks: 5FGs, cut zeros and 000 000 Contr: (MCO)
11515	S06s	Mode: AM Date/time: Thu 1-4-2010, 1010 UTC Remarks: 895 Contr: (HFD)
12082	M12	Mode: CW Date/time: Thu 1-4-2010, 1920 UTC Remarks: 503 0 Contr: (HFD)
12116.0	M08a	Mode: CW Date/time: Mon 5-4-2010, 1300 UTC Remarks: 35541 (Caught late.) Contr: (MS)
12118	XPA	Mode: AM Date/time: Fri 2-4-2010, 0640 UTC Remarks: msg Contr: (HFD)
12123	E07	Mode: AM Date/time: Sun 11-4-2010, 1700 UTC Remarks: 171 1-761/98=73543 Contr: (HFD)
12134.0	M08a	Mode: CW Date/time: Thu 1-4-2010, 1400 UTC Remarks: 5f cut nums: 23711 24242 58211 VG sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 5-4-2010, 1400 UTC Remarks: 5f cut nums: 03462 76612 35541 Good sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 15-4-2010, 1400 UTC Remarks: 5f cut nums: 74002 27312 52541 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 19-4-2010, 1400 UTC Remarks: 17252 58602 15622 Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Mon 19-4-2010, 1400 UTC Remarks: 5f cut nums: 17252 58602 15622 Good sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 22-4-2010, 1400 UTC Remarks: 5f cut nums: 08882 78421 82282 Contr: (westli)
12161	X06	Mode: AM Date/time: 22-4-2010, 0830 UTC Remarks: Mazielka in progress. Sequence: 564213 Contr: (HS2)
12180.0	M08a	Mode: MCW Date/time: Tue 20-4-2010, 1900 UTC Remarks: 5f cut nums: 46131 47472 671.. Very weak sig. Contr: (westli)
12180.0	M08a	Mode: MCW Date/time: Thu 22-4-2010, 1900 UTC Remarks: 5f cut nums: 61212 Very weak sig. Contr: (westli)
12180.0	M08a	Mode: MCW Date/time: Tue 27-4-2010, 1900 UTC Remarks: 5f cut nums: 68322 70811 83261 Weak sig. starts with M8a Contr: (westli)

12180.0	V02a	Mode: AM Date/time: Tue 13-4-2010, 1900 UTC Remarks: SSYL atencion: Very weak sig. Contr: (westli)
12180.0	V02a	Mode: AM Date/time: Tue 27-4-2010, 1900 UTC Remarks: SSYL: Very weak sig. IP. switched fromM8a Contr: (westli)
12199	M42	Mode: Baudot 100/500 Date/time: 29-3-2010, 0658 UTC Remarks: Russian Gov. Message on link 60102 after "11100 60102 00000 29058 Contr: (BCI)
12214.0	M08a	Mode: CW Date/time: Tue 13-4-2010, 1300 UTC Remarks: 43061 28441 (Caught late.) Contr: (MS)
12214.0	M08a	Mode: CW Date/time: Fri 16-4-2010, 1300 UTC Remarks: 43081 06402 85051 Contr: (MS)
12218	M12	Mode: CW Date/time: 28-4-2010, 1520 UTC Remarks: 991 1 847 117 11348 ... Contr: (FN)
12219.5	M42	Mode: CROWD36 Date/time: 1-4-2010, 0715 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
12224	X06	Mode: AM Date/time: 9-4-2010, 1605 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 12-4-2010, 0930 UTC Remarks: Mazielka. Sequence: 463125 Contr: (HS2)
12224	X06	Mode: AM Date/time: 30-4-2010, 1440 UTC Remarks: Mazielka. Sequence: 463125 Contr: (HS2)
12224	X06	Mode: AM Date/time: 30-4-2010, 1450 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12300	V02a	Mode: AM Date/time: 27-4-2010, 2010 UTC Remarks: Tuned to a V02a on 12380 kHz AM. In progress at about 2010z went Contr: (Jon-FL)
12770	M42	Mode: RUS-ARQ 100/495 Date/time: 29-3-2010, 0704 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
13374.0	M08a	Mode: CW Date/time: Fri 2-4-2010, 1400 UTC Remarks: 84611 08782 66722 Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Fri 9-4-2010, 1400 UTC Remarks: (Too weak for copy.) Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Fri 16-4-2010, 1400 UTC Remarks: 43081 06402 85051 Contr: (MS)
13375.0	M08a	Mode: CW Date/time: Tue 6-4-2010, 1400 UTC Remarks: 5f cut nums: 20351 85142 24682 Very weak sig. Contr: (westli)
13379.0	V02a	Mode: AM Date/time: Thu 8-4-2010, 2000 UTC Remarks: (Too weak and heavy fades for copy. YL/SS.) Contr: (MS)
13379.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 2000 UTC Remarks: (YL/SS. Very weak, fades out, no copy.) Contr: (MS)
13380.0	M08a	Mode: MCW Date/time: Thu 1-4-2010, 2000 UTC Remarks: 5f cut nums: Very weak sig. QRN Contr: (westli)

13380.0	V02a	Mode: AM Date/time: Thu 8-4-2010, 2000 UTC Remarks: SSYL atencion: 58881 60482 48661 weak sig. Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 13-4-2010, 2000 UTC Remarks: SSYL atencion: 11781 37771 10012 Very weak sig. Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 13-4-2010, 2000 UTC Remarks: A 11781 37451 10012 (YL/SS) Contr: (MS)
13380.0	V02a	Mode: AM Date/time: Tue 20-4-2010, 2000 UTC Remarks: SSYL: Very weak sig. Up late IP. severe QRM/N Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Thu 22-4-2010, 2000 UTC Remarks: SSYL atencion: Very weak sig. up early, caught in progress Contr: (westli)
13395	M42	Mode: Baudot 200/500 Date/time: 1-4-2010, 0723 UTC Remarks: Russian Gov/Intel. Message "824140708489599653931118=804141544108 Contr: (BCI)
13454.47	M42	Mode: RUS-ARQ 100/2000 Date/time: 1-4-2010, 0727 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
13501	M51	Mode: CW Date/time: 29-3-2010, 1529 UTC Remarks: //11101 kHz. "NR 26 M J8 17:52:17 1988 BT DVNNH EEUPW AWTLR KRALW Contr: (BCI)
13506	X06	Mode: AM Date/time: 3-4-2010, 1803 UTC Remarks: Mazielka. Sequence: 164532 Contr: (Dan)
13506	X06	Mode: AM Date/time: 3-4-2010, 1808 UTC Remarks: Mazielka. Sequence: 164532 Contr: (Dan)
13506	X06	Mode: AM Date/time: 22-4-2010, 0944 UTC Remarks: Mazielka in progress. Sequence: 164532 Contr: (HS2)
13517	X06	Mode: AM Date/time: 27-4-2010, 1435 UTC Remarks: Mazielka. Sequence: 463125 Contr: (HS2)
13527.7	MX	Mode: CW Date/time: 10-4-2010, 0729 UTC Remarks: Beacon "D" Sevastopol Contr: (AB)
13528	MX	Mode: CW Date/time: 10-4-2010, 0729 UTC Remarks: Beacon "C" Moscow Contr: (AB)
13528.2	MX	Mode: CW Date/time: 21-3-2010, 1642 UTC Remarks: Beacon "F" Vladivostok Contr: (BCI)
13528.2	MX	Mode: CW Date/time: 21-4-2010, 1520 UTC Remarks: Russian naval beacon "F" Vladivostok Contr: (FN)
13582	M12	Mode: CW Date/time: Thu 1-4-2010, 1900 UTC Remarks: 503 0 Contr: (HFD)
13908	E11	Mode: USB Date/time: Thu 1-4-2010, 1550 UTC Remarks: 644/24 Contr: (HFD)
13908	E11	Mode: USB Date/time: Sat 3-4-2010, 1550 UTC Remarks: 641/25 Contr: (HFD)
13908	E11	Mode: USB Date/time: Sat 3-4-2010, 1730 UTC Remarks: 642/29 Contr: (HFD)
13908	E11	Mode: USB Date/time: Mon 5-4-2010, 1730 UTC

		Remarks: 641/24 Contr: (HFD)
13908	E11	Mode: USB Date/time: Wed 7-4-2010, 1550 UTC Remarks: 647/25 Contr: (HFD)
13908	E11	Mode: USB Date/time: Thu 8-4-2010, 1550 UTC Remarks: 642/28 Contr: (HFD)
13908	E11	Mode: USB Date/time: Fri 9-4-2010, 1550 UTC Remarks: 645/2# Contr: (HFD)
13908	E11	Mode: USB Date/time: Fri 9-4-2010, 1730 UTC Remarks: 647/23 Contr: (HFD)
13908	E11	Mode: USB Date/time: 10-4-2010, 1735 UTC Remarks: 647/22 Contr: (VL)
13908	E11	Mode: USB Date/time: Sun 11-4-2010, 1550 UTC Remarks: 648/26 Contr: (HFD)
13908	E11	Mode: USB Date/time: Sun 11-4-2010, 1730 UTC Remarks: 640/29 Contr: (HFD)
13908	E11	Mode: USB Date/time: Mon 15-4-2010, 1730 UTC Remarks: 645/22 Contr: (HFD)
13918	M12	Mode: CW Date/time: 28-4-2010, 1500 UTC Remarks: 991 1 847 117 11348 ... Contr: (FN)
13985	X06	Mode: AM Date/time: 14-4-2010, 0859 UTC Remarks: Mazielka. Sequence: 134265 Contr: (HS2)
13985	X06	Mode: AM Date/time: 28-4-2010, 0903 UTC Remarks: Mazielka. Sequence: 134265 Contr: (HS2)
14000	E10	Mode: AM Date/time: 28-2-2010, 0610 UTC Remarks: in progress Contr: (IARUMS)
14000	E10	Mode: AM Date/time: 1-3-2010, 1730 UTC Remarks: ART Contr: (IARUMS)
14000	E10	Mode: AM Date/time: 6-3-2010, 1802 UTC Remarks: PCD Contr: (IARUMS)
14000	E10	Mode: AM Date/time: 6-3-2010, 2030 UTC Remarks: PCD Contr: (IARUMS)
14000	E10	Mode: AM Date/time: 7-3-2010, 1801 UTC Remarks: in progress Contr: (IARUMS)
14000	E10	Mode: AM Date/time: 7-3-2010, 1930 UTC Remarks: PCD2 Contr: (IARUMS)
14560	X06	Mode: AM Date/time: 31-3-2010, 1055 UTC Remarks: Mazielka. Sequence: 632541 Contr: (BCI)
14650.5	M42	Mode: CROWD36 Date/time: 24-3-2010, 0651 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
14655.4	M42	Mode: CROWD36 Date/time: 28-4-2010, 0751 UTC Remarks: Russian Gov/Intel. Contr: (Imp)
14688	S06	Mode: AM Date/time: 8-4-2010, 0640 UTC Remarks: "ADIM ADIM PIET VOCEM" Contr: (BCI)
14720	X06	Mode: AM Date/time: 22-4-2010, 0855 UTC Remarks: Mazielka in progress. Sequence: 161616 Contr: (HS2)
14861	X06	Mode: AM Date/time: 27-4-2010, 0854 UTC Remarks: Mazielka. Sequence: 542136 Contr: (XSH)

14907	M42	Mode: Baudot 100/500 Date/time: 6-4-2010, 0801 UTC Remarks: Russian Gov. Message to unid embassy on link 80104 after: "11100 Contr: (BCI)
14923.5	M42	Mode: CROWD36 Date/time: 23-3-2010, 1023 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
14944	X06	Mode: AM Date/time: 14-4-2010, 1038 UTC Remarks: Mazielka. Sequence: 621543 Contr: (HS2)
15828	X06	Mode: AM Date/time: 28-4-2010, 1900 UTC Remarks: Mazielka. Sequence: 256134 Contr: (Dan)
15987	M42	Mode: FSK 200/1000 (acf=288) Date/time: 17-4-2010, 0827 UTC Remarks: Russian Gov/Intel. Contr: (linkz)
16045.4	M42	Mode: CROWD36 Date/time: 28-4-2010, 0810 UTC Remarks: Russian Gov/Intel. Contr: (Imp)
16107.4	M42	Mode: CROWD36 Date/time: 3-4-2010, 1232 UTC Remarks: Russian Gov/Intel. Contr: (PPA)
16178.0	SK01	Mode: RDFT Date/time: Thu 8-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Fri 9-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Wed 14-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Thu 15-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Fri 16-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Sat 17-4-2010, 1600 UTC Remarks: carrier up, but no xmsn present. This sked is normally not up on the weekend Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Mon 19-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Tue 20-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Wed 21-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Fri 23-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Wed 28-4-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Thu 29-4-2010, 1600 UTC Remarks: Contr: (MS)
16331.7	MX	Mode: CW Date/time: 10-4-2010, 0729 UTC Remarks: Beacon "D" Sevastopol Contr: (AB)
16331.9	MX	Mode: CW Date/time: 23-4-2010, 1218 UTC Remarks: Cluster Beacon "S" Severomorsk Contr: (MPJ)
16332	MX	Mode: CW Date/time: 23-4-2010, 1218 UTC Remarks: Cluster Beacon "C" Moscow Contr: (MPJ)
16332.1	MX	Mode: CW Date/time: 10-4-2010, 0729 UTC Remarks: Beacon "A" Astrakhan Contr: (AB)

16343	M42	Mode: Baudot 200/500 Date/time: 26-3-2010, 0721 UTC Remarks: Russian Gov/Intel. Messages "61266794956708339 =82233 16457916098 Contr: (BCI)
17522.5	M42	Mode: CROWD36 Date/time: 26-3-2010, 0750 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
20047.7	MX	Mode: CW Date/time: 5-4-2010, 1034 UTC Remarks: Beacon "D" Sevastopol Contr: (AB)
20047.8	MX	Mode: CW Date/time: 23-3-2010, 0952 UTC Remarks: Beacon "P" Kaliningrad Contr: (BCI)
20047.8	MX	Mode: CW Date/time: 5-4-2010, 1034 UTC Remarks: Beacon "P", Kaliningrad Contr: (AB)
20047.9	MX	Mode: CW Date/time: 23-3-2010, 0952 UTC Remarks: Beacon "S" Severomorsk Contr: (BCI)
20048	MX	Mode: CW Date/time: 5-4-2010, 1034 UTC Remarks: Beacon "C", Moscow Contr: (AB)
20048.1	MX	Mode: CW Date/time: 5-4-2010, 1034 UTC Remarks: Beacon "A", Astrakhan Contr: (AB)
20325	M42	Mode: RUS-ARQ 100/1500 Date/time: 23-3-2010, 0958 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
·6215	V24	Mode: USB Date/time: 11-4-2010, 1500 UTC Remarks: msgs Contr: (DA)

* CONTRIBUTORS *

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CU	Centrepont, UK
DA	Dave Anderson, USA
Dan	Daniel
DCA	Dirk, CA, USA
DrS	Dr Strabismus, UK
Dxman	Dxman, Russia
E2K	Enigma 2000
ETN	Ender, TN, USA
FN	Fritz Nusser, Switzerland
GVN	Geir, Norway
HFD	Hans-Friedrich Dumrese, Germany
HS2	Hans Snekvik, W. Europe
IARUMS	IARU Monitoring Service
Imp	Impaler
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MPJ	Jim, SW England
MS	Mark Slaten, MI, USA
MUK	Mikesndbs, UK
PPA	Peter Poelstra, Netherlands
RMI	Rich, MI, USA
RP	Rimantas Pleikys, Lithuania
RP3	Ron, MD, USA
SRB	Scott R. Barbour Jr, NH, USA
Stef	Stefano, Italy
VL	Vincent Lecler, France
Westli	Westli, CA, USA
WP3	Wolfgang Palmberger
XSH	X06 Shadow

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